

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063294.D
 Acq On : 10 Sep 2020 14:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:29 PM

Quant Time: Sep 10 15:02:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	482417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	864352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	781735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	374437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	759067	98.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.58%	
35) Dibromofluoromethane	7.55	113	565640	102.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.78%	
50) Toluene-d8	10.06	98	2159739	102.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.04%	
62) 4-Bromofluorobenzene	12.38	95	814399	109.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	434636	92.399	ug/l	100
3) Chloromethane	2.04	50	610056	89.110	ug/l	99
4) Vinyl Chloride	2.17	62	626353	84.413	ug/l	99
5) Bromomethane	2.52	94	426316	71.222	ug/l	100
6) Chloroethane	2.67	64	405534	71.484	ug/l	97
7) Trichlorofluoromethane	2.98	101	963204	85.984	ug/l	99
8) Diethyl Ether	3.38	74	346836	95.556	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	508134	98.326	ug/l	99
10) Methyl Iodide	3.91	142	733850	104.821	ug/l	100
11) Tert butyl alcohol	4.73	59	502148	525.290	ug/l	100
12) 1,1-Dichloroethene	3.70	96	508680	97.313	ug/l	98
13) Acrolein	3.57	56	307477	864.056	ug/l	99
14) Allyl chloride	4.28	41	1022918	108.589	ug/l	98
15) Acrylonitrile	4.93	53	1360841	550.412	ug/l	100
16) Acetone	3.77	43	1198593	531.419	ug/l	100
17) Carbon Disulfide	4.01	76	1479916	94.940	ug/l	100
18) Methyl Acetate	4.28	43	631861	109.886	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1846590	95.815	ug/l	99
20) Methylene Chloride	4.51	84	598849	89.405	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	563638	98.162	ug/l	99
22) Diisopropyl ether	5.90	45	2081771	99.687	ug/l	99
23) Vinyl Acetate	5.84	43	8442990	508.186	ug/l	97
24) 1,1-Dichloroethane	5.80	63	1115049	97.288	ug/l	99
25) 2-Butanone	6.78	43	1903377	548.991	ug/l	99
26) 2,2-Dichloropropane	6.78	77	972897	93.524	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	652696	93.518	ug/l	100
28) Bromochloromethane	7.15	49	552385	94.136	ug/l	100
29) Tetrahydrofuran	7.16	42	1254107	525.354	ug/l	98
30) Chloroform	7.33	83	1132765	94.829	ug/l	100
31) Cyclohexane	7.61	56	989445	91.855	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	991278	96.593	ug/l	99
36) 1,1-Dichloropropene	7.75	75	868394	104.436	ug/l	99
37) Ethyl Acetate	6.88	43	831974	116.820	ug/l	98
38) Carbon Tetrachloride	7.74	117	865130	102.916	ug/l	99

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Manual Integrations
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Quant Time: Sep 10 15:02:27 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	940384	101.195	ug/l	99
40) Benzene	8.00	78	2449574	100.941	ug/l	100
41) Methacrylonitrile	7.14	41	444446m	123.742	ug/l	
42) 1,2-Dichloroethane	8.09	62	950702	104.417	ug/l	100
43) Isopropyl Acetate	8.13	43	1486479	109.749	ug/l #	92
44) Trichloroethene	8.80	130	636677	106.566	ug/l	100
45) 1,2-Dichloropropane	9.09	63	667340	102.972	ug/l	100
46) Dibromomethane	9.17	93	437929	103.182	ug/l	99
47) Bromodichloromethane	9.37	83	930675	102.449	ug/l	98
48) Methyl methacrylate	9.17	41	698153	113.840	ug/l	99
49) 1,4-Dioxane	9.17	88	200152	2121.360	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	3993459	542.049	ug/l	98
52) Toluene	10.13	92	1514209	100.558	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	1045772	105.677	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1103450	105.102	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	592603	102.502	ug/l	99
56) Ethyl methacrylate	10.40	69	955015	108.329	ug/l	100
57) 1,3-Dichloropropane	10.68	76	1036879	100.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2277251	502.235	ug/l	100
59) 2-Hexanone	10.72	43	3005771	578.292	ug/l	99
60) Dibromochloromethane	10.87	129	687471	107.601	ug/l	99
61) 1,2-Dibromoethane	10.98	107	625107	104.490	ug/l	99
64) Tetrachloroethene	10.60	164	597629	104.195	ug/l	98
65) Chlorobenzene	11.41	112	1606684	102.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	597394	102.954	ug/l	99
67) Ethyl Benzene	11.49	91	2959225	103.268	ug/l	97
68) m/p-Xylenes	11.59	106	2206106	208.560	ug/l	93
69) o-Xylene	11.92	106	1062918	103.988	ug/l	98
70) Styrene	11.94	104	1830968	104.563	ug/l	99
71) Bromoform	12.10	173	441004	111.294	ug/l #	99
73) Isopropylbenzene	12.23	105	2827879	99.302	ug/l	99
74) N-amyl acetate	12.05	43	1342363	112.796	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	814143	99.483	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	804020m	100.397	ug/l	
77) Bromobenzene	12.50	156	650647	100.531	ug/l	99
78) n-propylbenzene	12.57	91	3271525	99.285	ug/l	98
79) 2-Chlorotoluene	12.65	91	1972969	99.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2429972	102.069	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	313674	104.165	ug/l	99
82) 4-Chlorotoluene	12.75	91	2097658	102.311	ug/l	100
83) tert-Butylbenzene	12.97	119	1998351	98.342	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	2465278	102.747	ug/l	100
85) sec-Butylbenzene	13.15	105	2641441	100.208	ug/l	100
86) p-Isopropyltoluene	13.26	119	2417551	103.050	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1205964	101.685	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1219373	99.662	ug/l	99
89) n-Butylbenzene	13.59	91	2234757	102.967	ug/l	100
90) Hexachloroethane	13.85	117	438552	101.393	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1190067	103.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	193479	105.578	ug/l	99

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MSVOA_N
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VSTDICC100

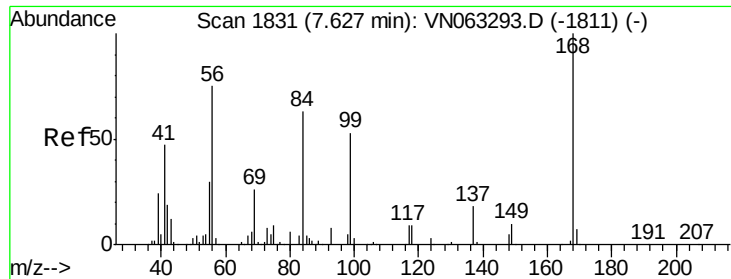
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	694954	106.811	ug/l	99
94) Hexachlorobutadiene	14.98	225	267766	108.887	ug/l	99
95) Naphthalene	15.10	128	2188529	102.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	653778	103.152	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 482417

Ion Ratio Lower Upper

168 100

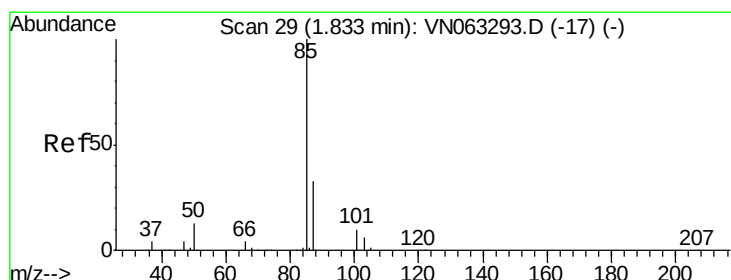
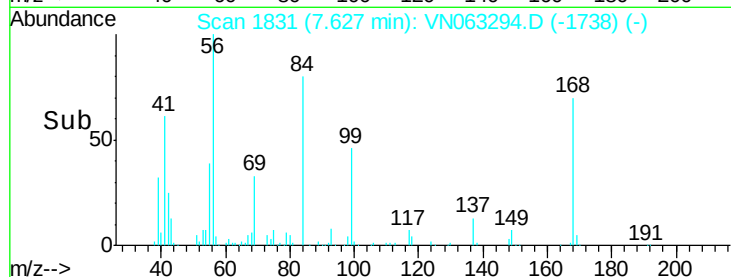
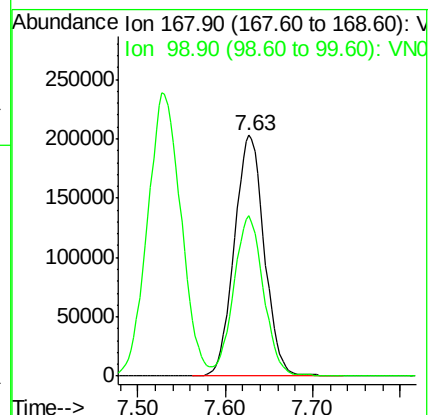
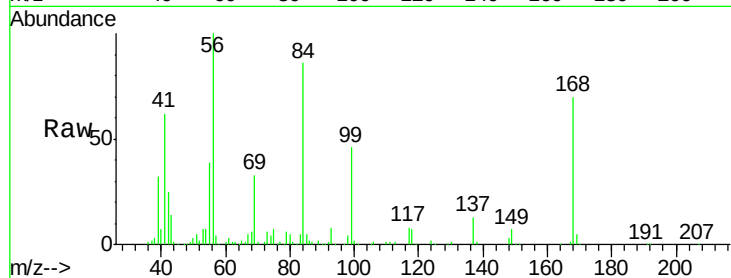
99 66.1 51.1 76.7

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#2

Dichlorodifluoromethane

Concen: 92.399 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063294.D

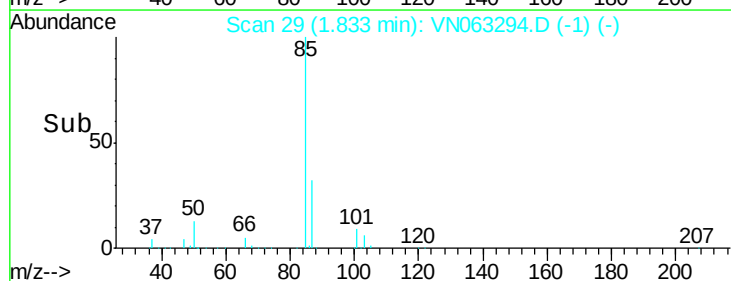
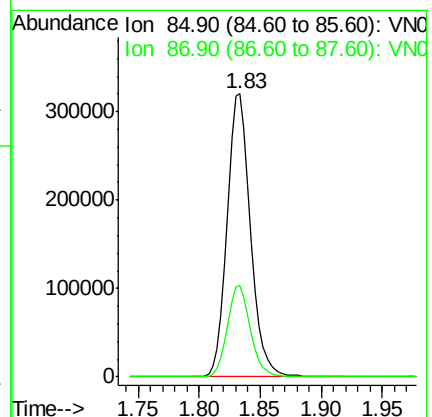
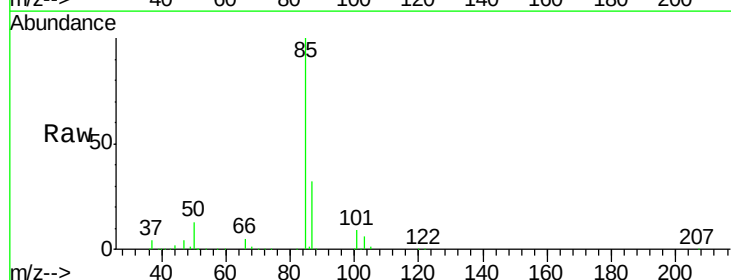
Acq: 10 Sep 2020 14:20

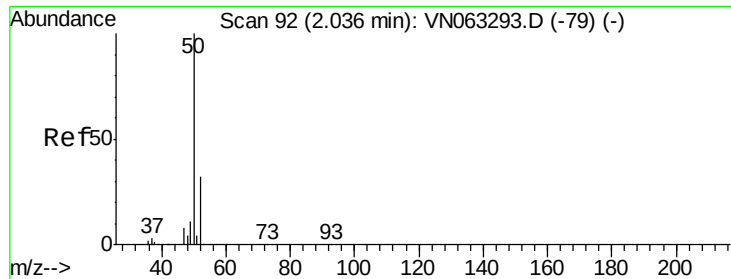
Tgt Ion: 85 Resp: 434636

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9





#3

Chloromethane

Concen: 89.110 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 610056

Ion Ratio Lower Upper

50 100

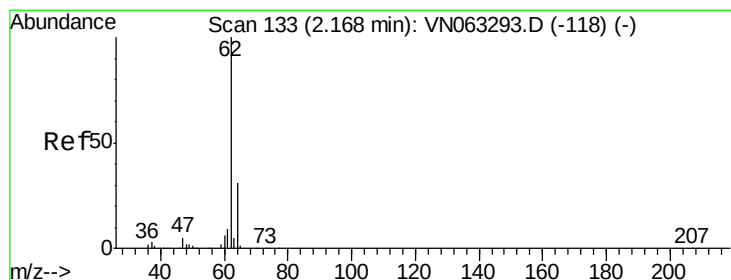
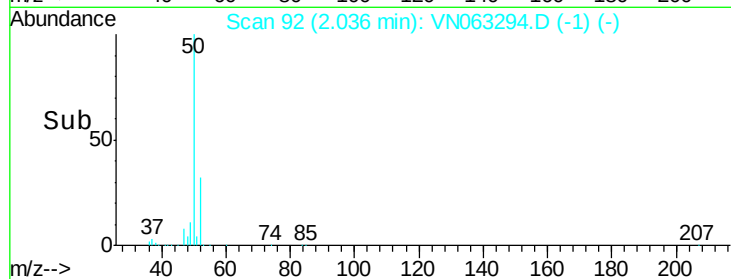
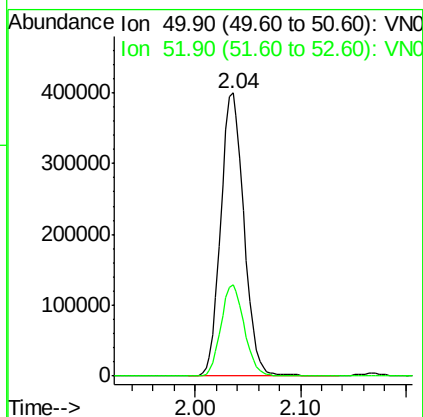
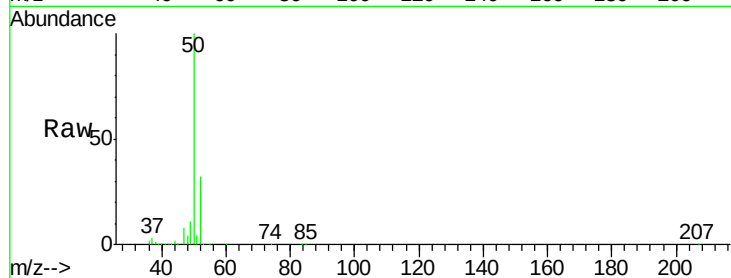
52 32.1 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 84.413 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063294.D

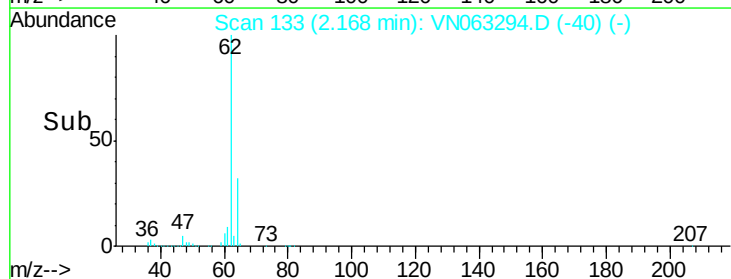
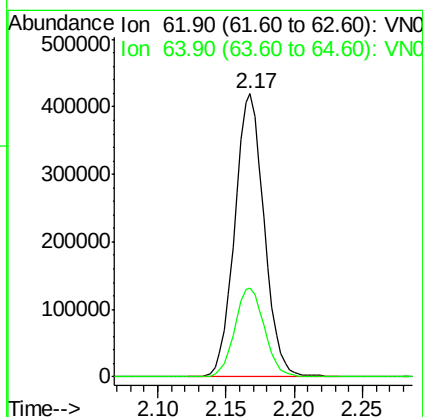
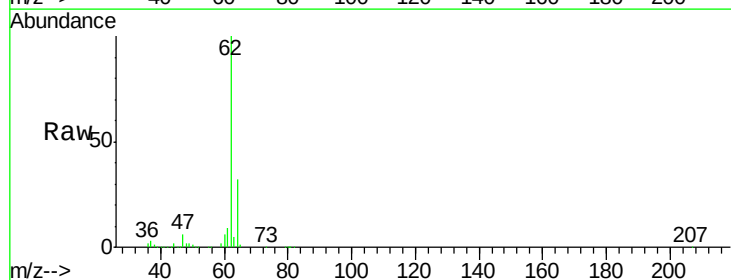
Acq: 10 Sep 2020 14:20

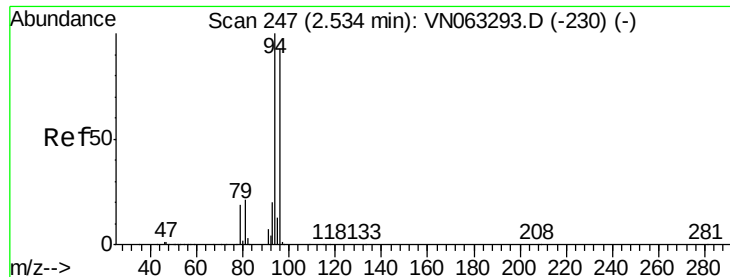
Tgt Ion: 62 Resp: 626353

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 71.222 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 426316

Ion Ratio Lower Upper

94 100

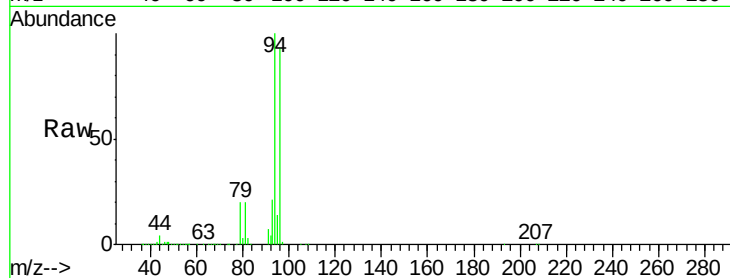
96 92.8 74.3 111.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

250000

200000

150000

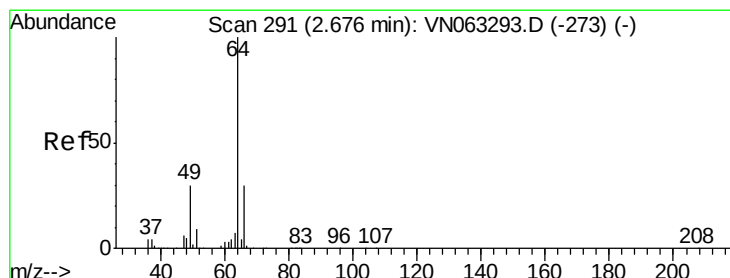
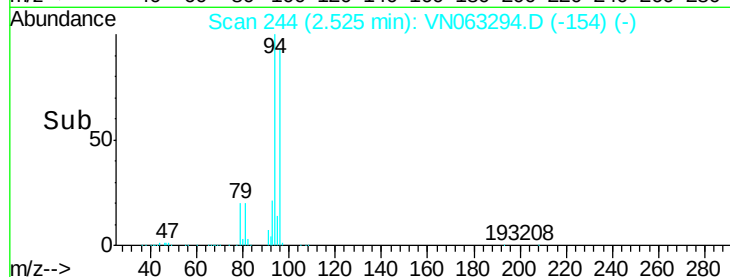
100000

50000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 71.484 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063294.D

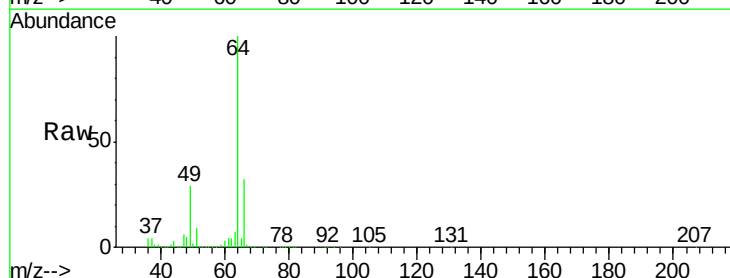
Acq: 10 Sep 2020 14:20

Tgt Ion: 64 Resp: 405534

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

200000

150000

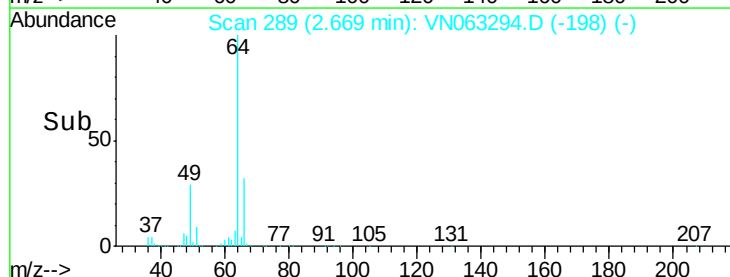
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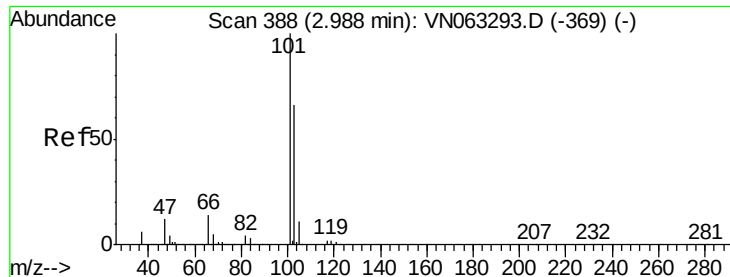
50000

0

2.60 2.70 2.80

Time-->





#7

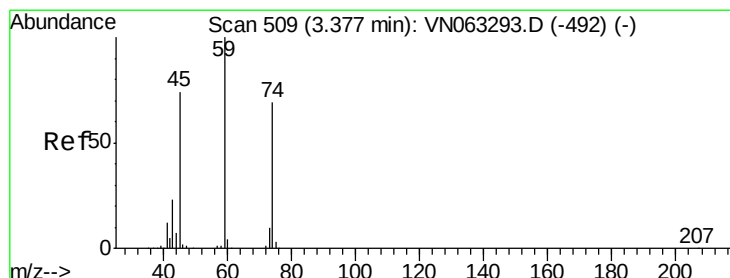
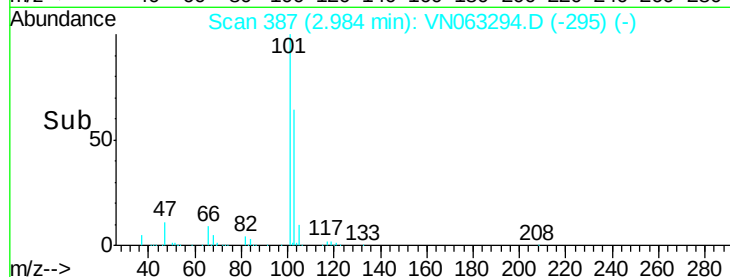
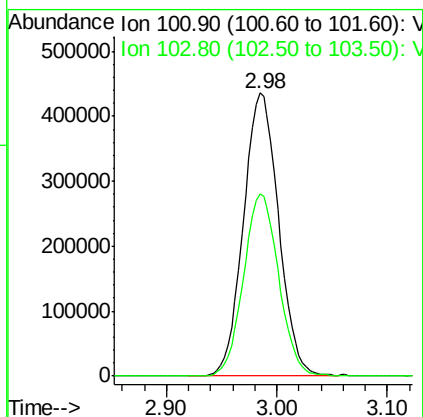
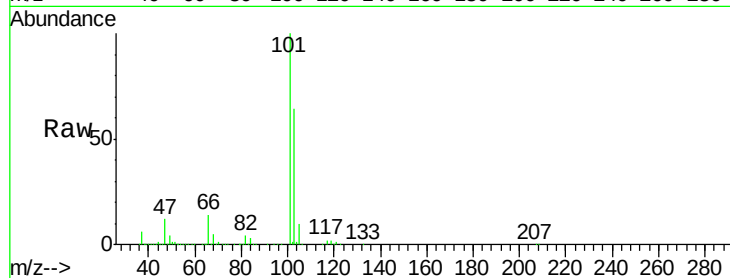
Trichlorofluoromethane
 Concen: 85.984 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		963204		
103	64.4	52.4	78.6		

Manual Integrations
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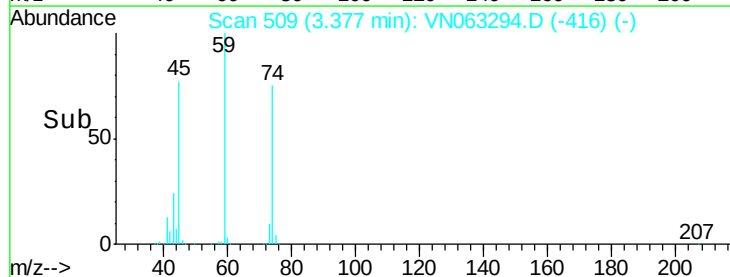
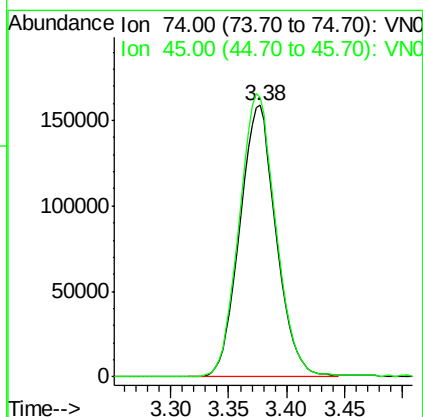
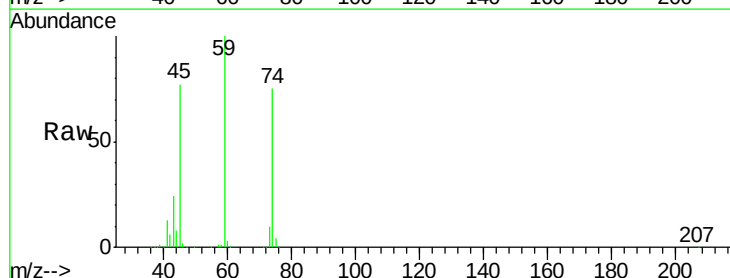
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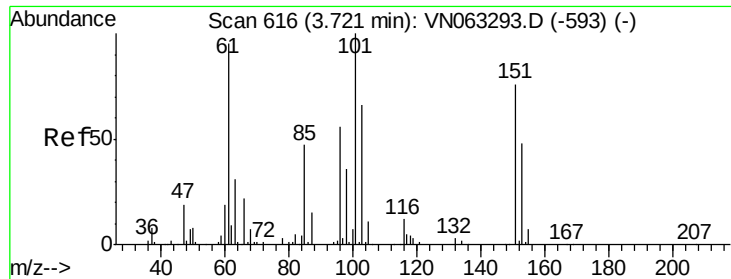


#8

Diethyl Ether
 Concen: 95.556 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		346836		
45	104.9	52.7	158.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.326 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

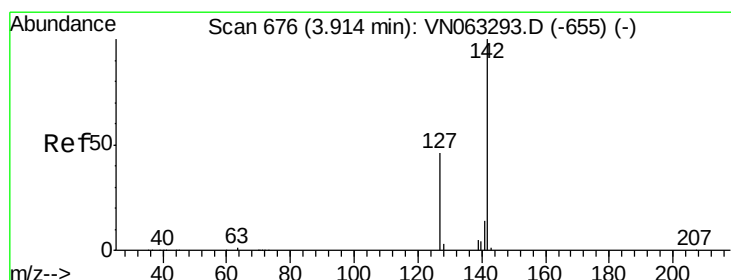
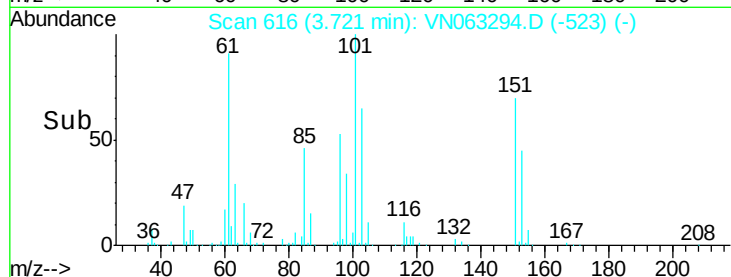
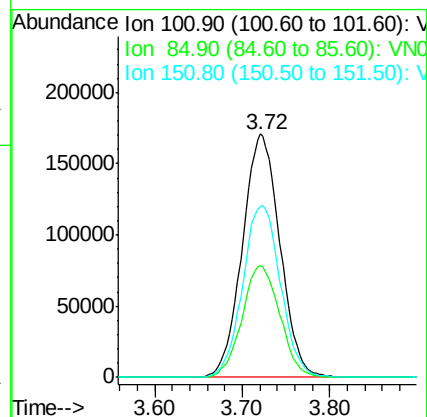
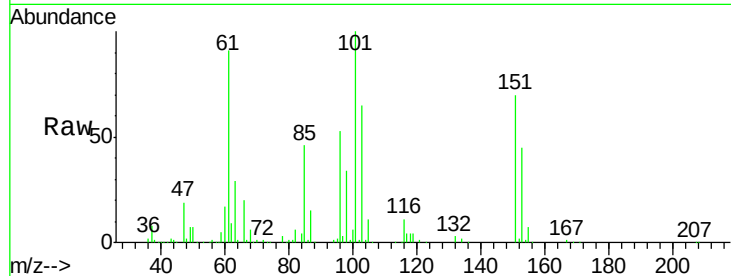
ClientSampled :

VSTDIC100

Tot Ion:	101	Resp:	508134
Ion Ratio	Lower	Upper	
101	100		
85	46.3	36.9	55.3
151	71.3	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 104.821 ug/l

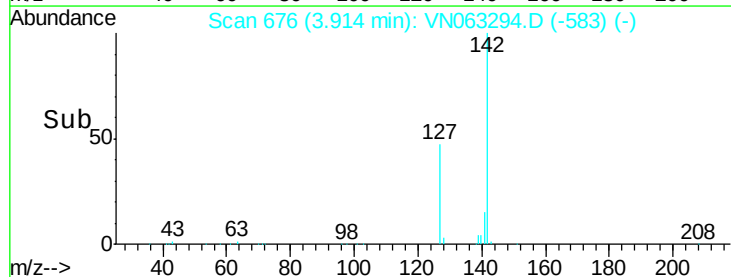
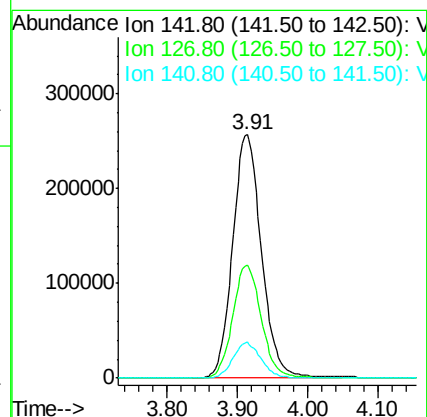
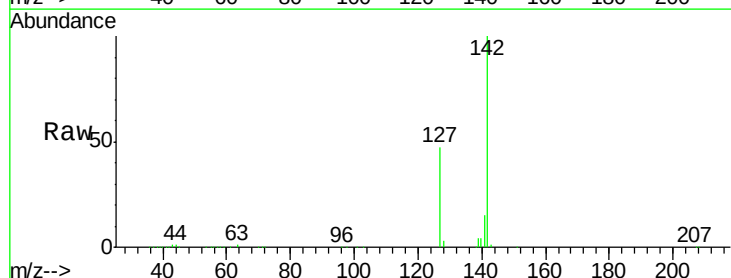
RT: 3.91 min Scan# 676

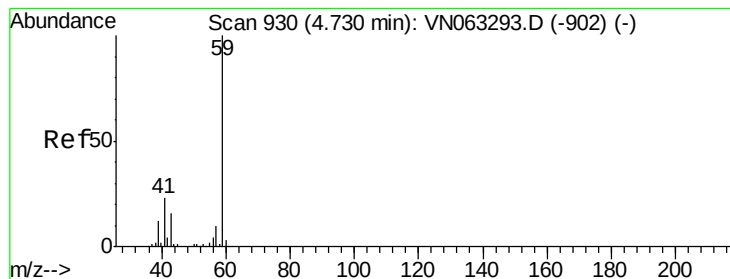
Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Tgt Ion:	142	Resp:	733850
Ion Ratio	Lower	Upper	
142	100		
127	46.2	37.1	55.7
141	14.3	11.6	17.4





#11

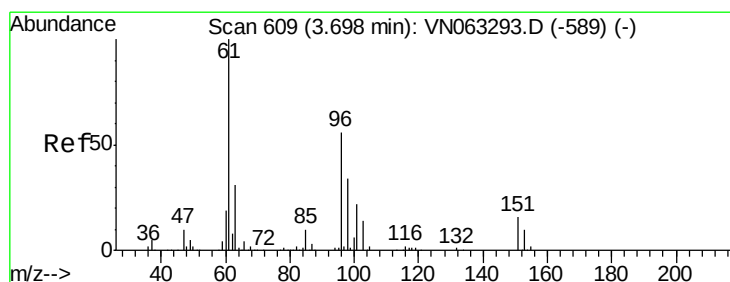
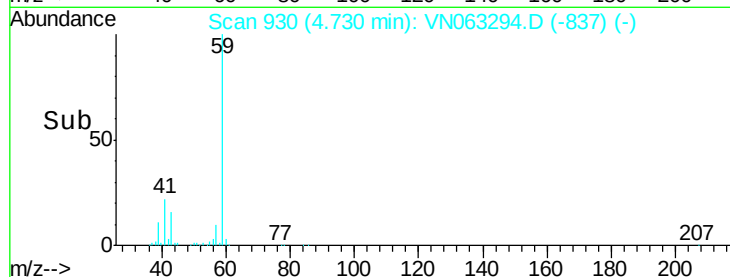
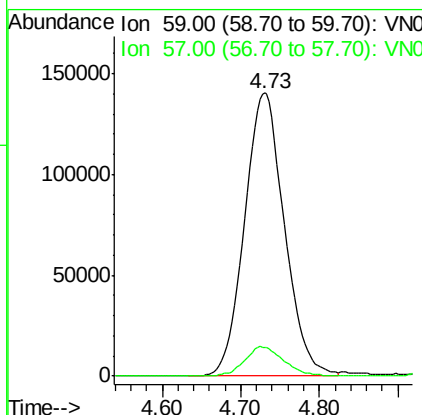
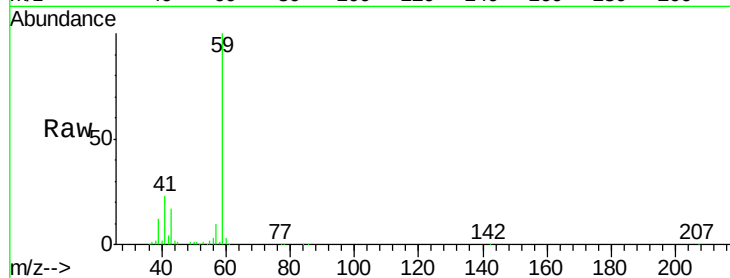
Tert butyl alcohol
Concen: 525.290 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

Manual Integrations
APPROVED

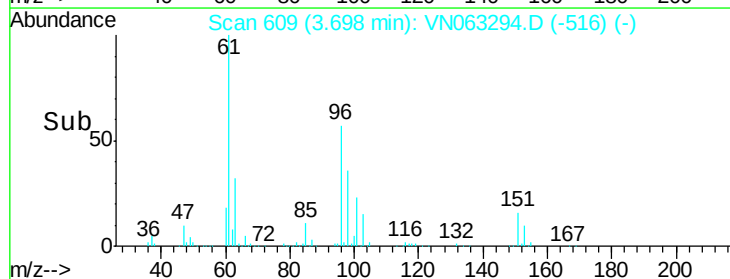
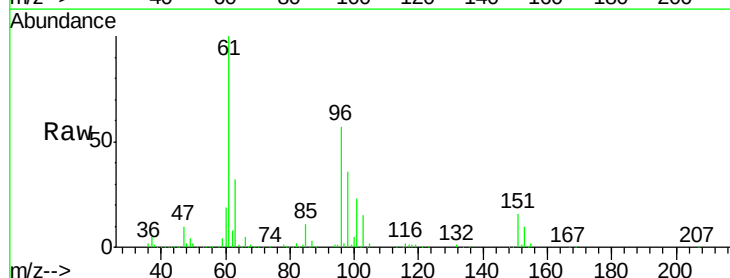
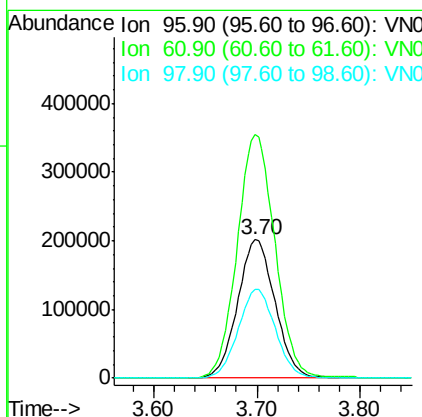
MMDadoda
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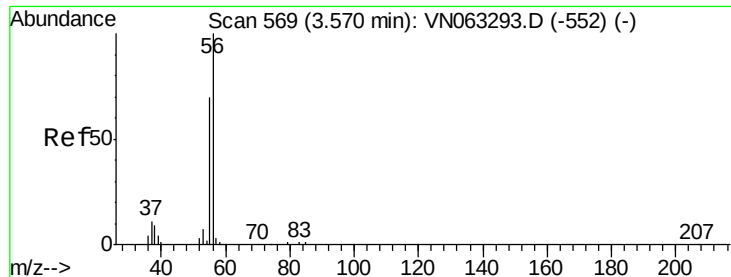


#12

1,1-Dichloroethene
Concen: 97.313 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.2	142.1	213.1
98	64.0	48.8	73.2





#13

Acrolein

Concen: 864.056 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 307477

Ion Ratio Lower Upper

56 100

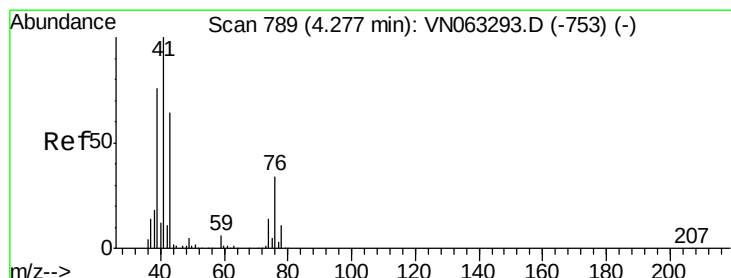
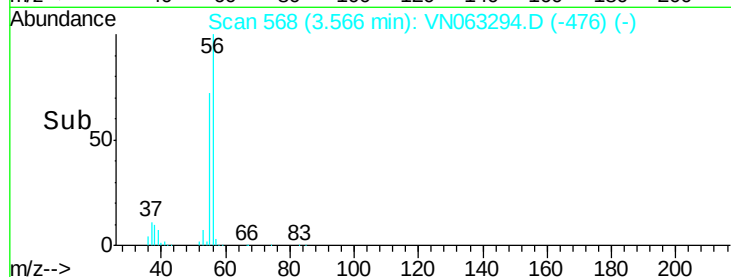
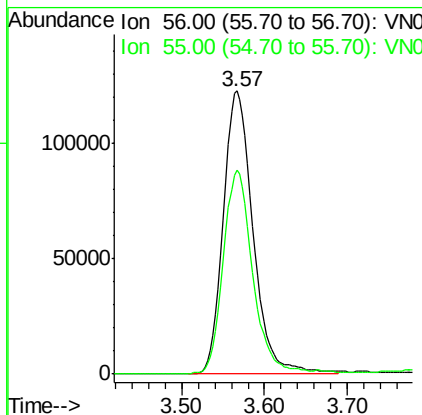
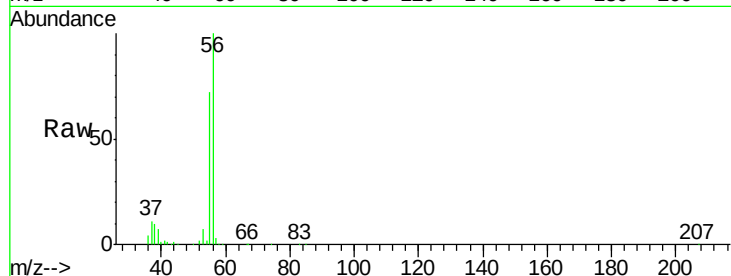
55 70.4 57.2 85.8

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 108.589 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

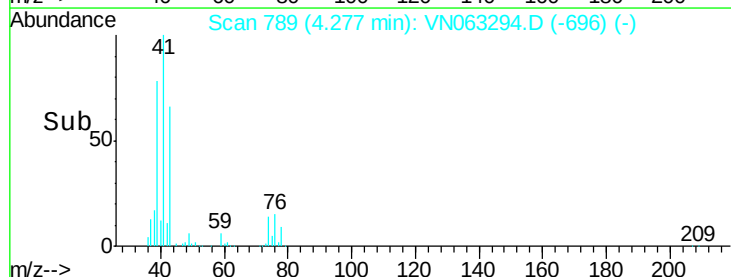
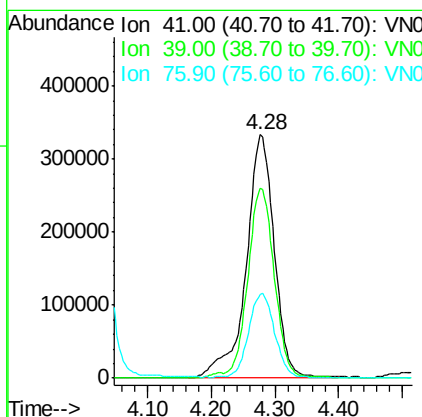
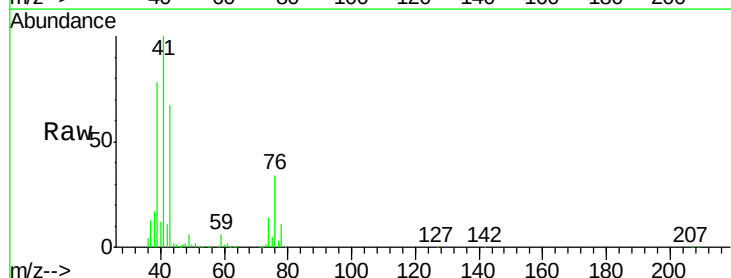
Tgt Ion: 41 Resp: 1022918

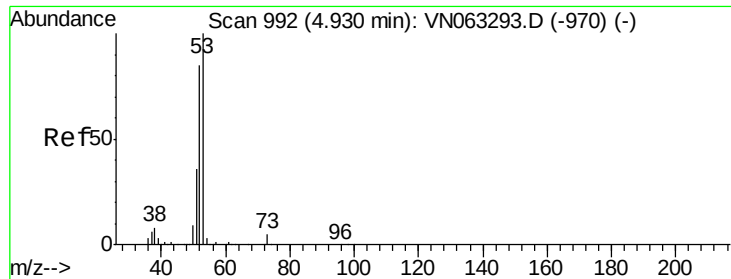
Ion Ratio Lower Upper

41 100

39 73.9 57.4 86.2

76 31.9 25.7 38.5





#15

Acrylonitrile

Concen: 550.412 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1360841

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

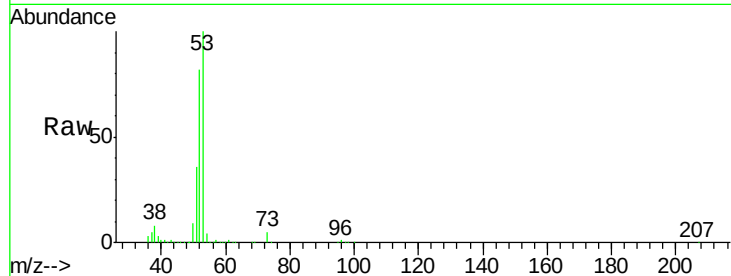
51 37.5 29.8 44.6

Manual Integrations

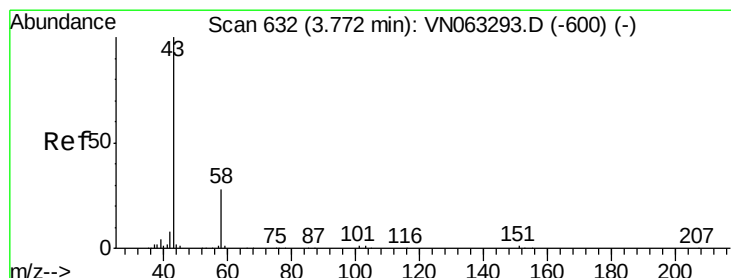
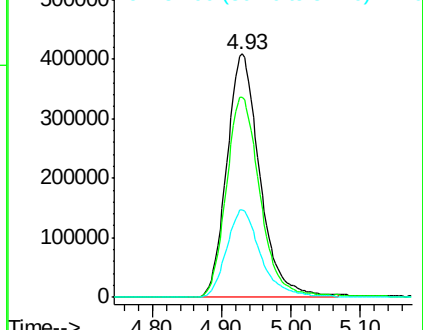
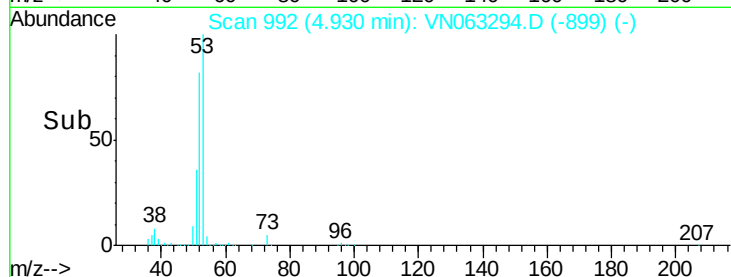
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Abundance Ion 53.00 (52.70 to 53.70): VN063294.D (-899) (-)



#16

Acetone

Concen: 531.419 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063294.D

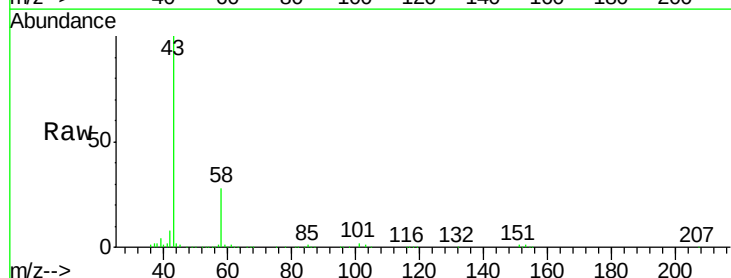
Acq: 10 Sep 2020 14:20

Tgt Ion: 43 Resp: 1198593

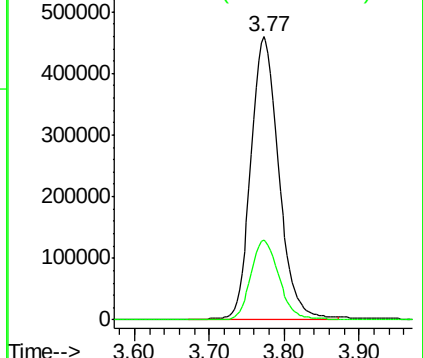
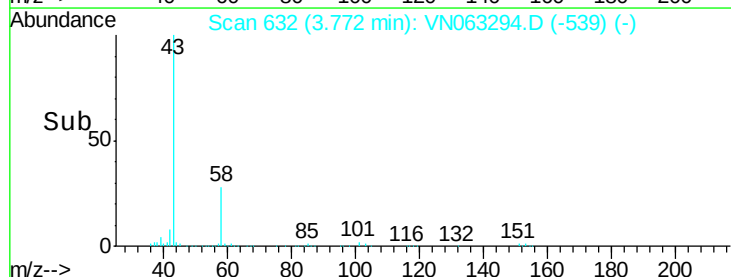
Ion Ratio Lower Upper

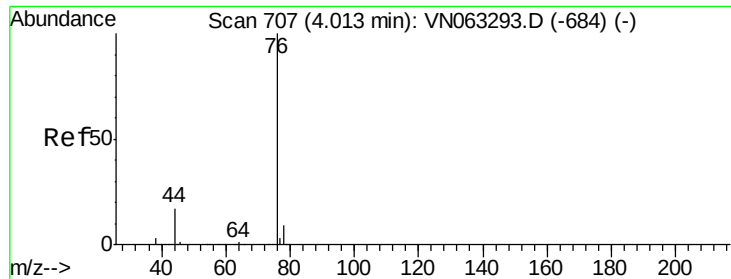
43 100

58 28.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN063294.D (-539) (-)





#17

Carbon Disulfide

Concen: 94.940 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1479916

Ion Ratio Lower Upper

76 100

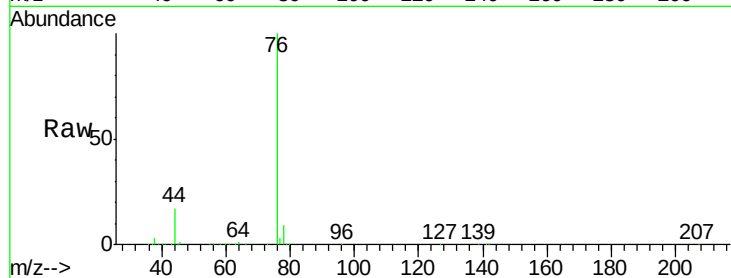
78 8.9 7.2 10.8

Manual Integrations

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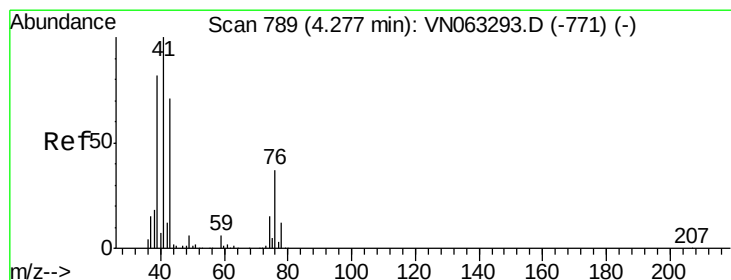
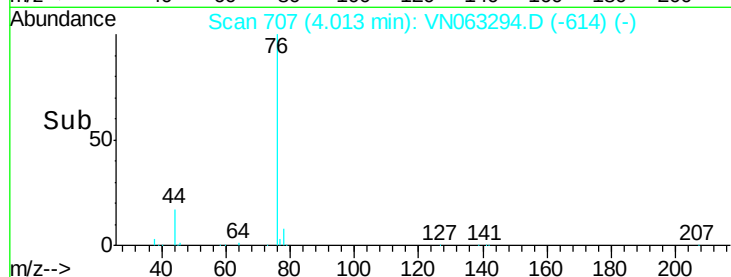
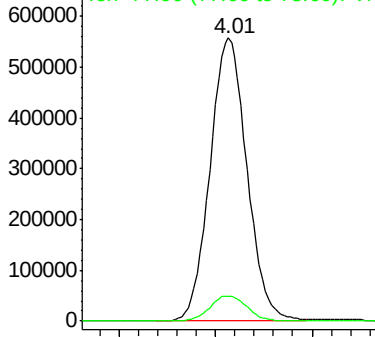
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 109.886 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063294.D

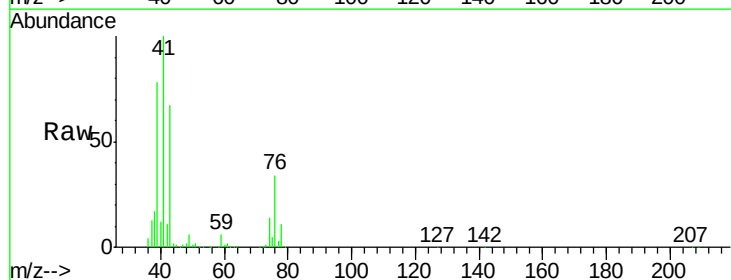
Acq: 10 Sep 2020 14:20

Tgt Ion: 43 Resp: 631861

Ion Ratio Lower Upper

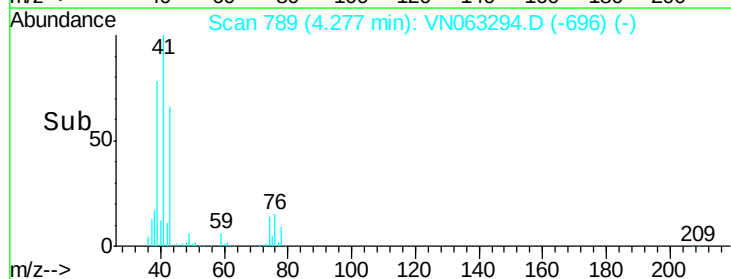
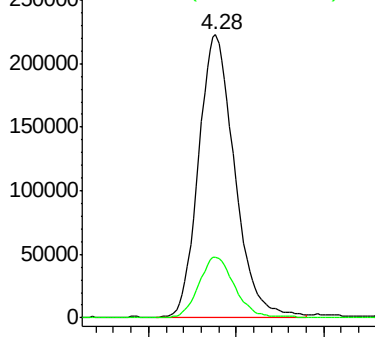
43 100

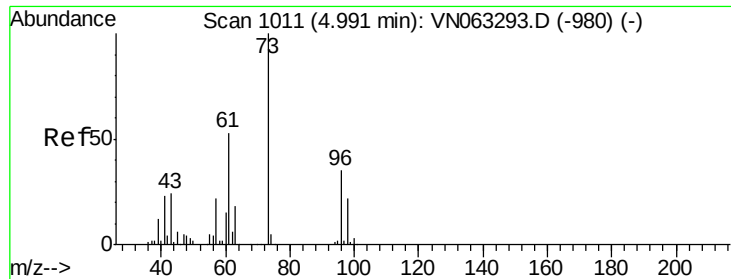
74 21.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





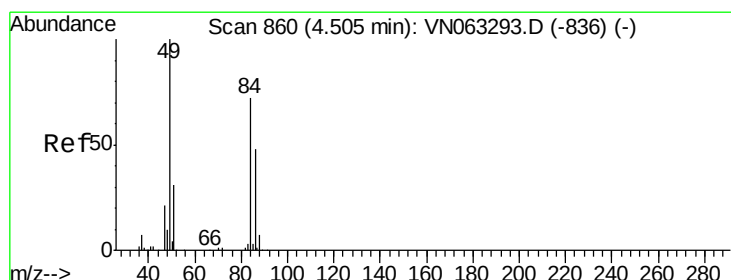
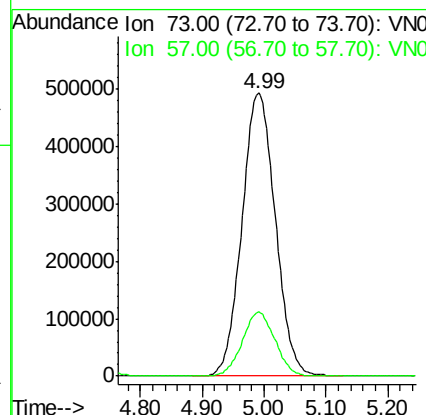
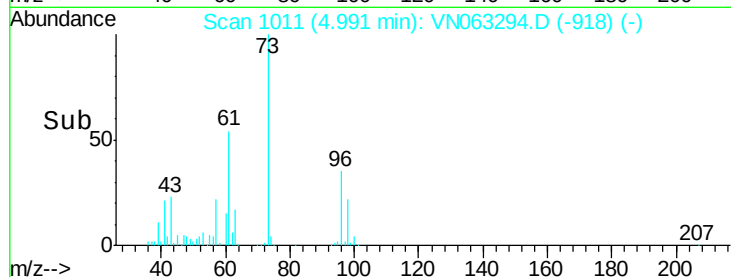
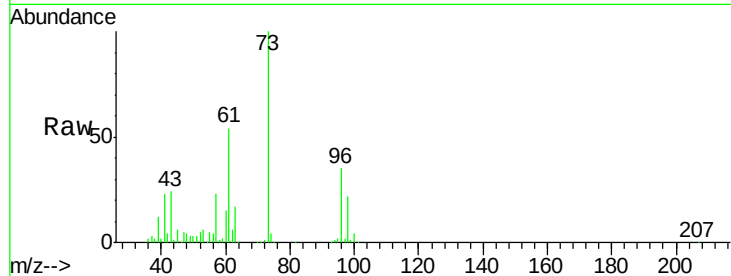
#19
Methvl tert-butvl Ether
Concen: 95.815 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 73 Resp: 1846590
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

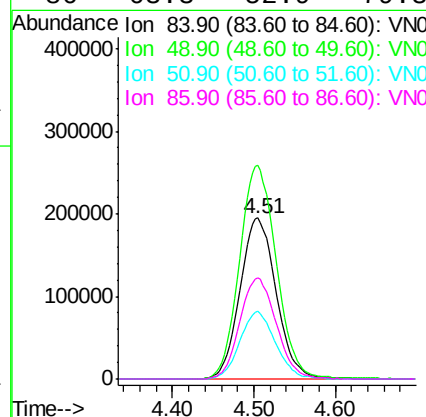
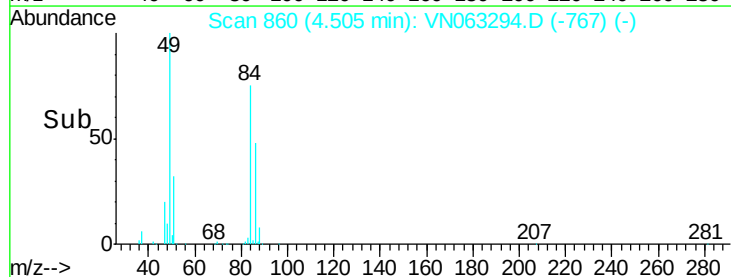
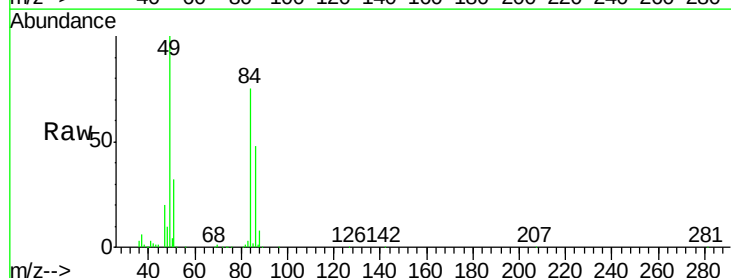
Manual Integrations
APPROVED

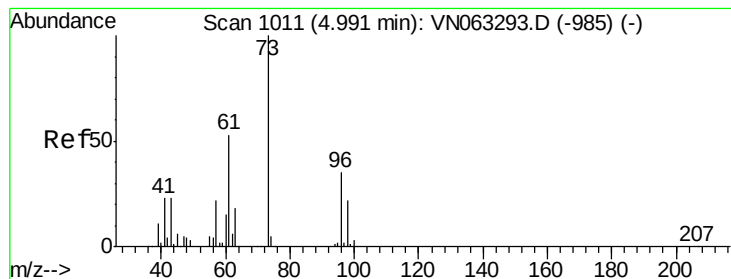
MMDadoda
9/11/2020 2:02:29 PM



#20
Methylene Chloride
Concen: 89.405 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 84 Resp: 598849
Ion Ratio Lower Upper
84 100
49 132.8 111.1 166.7
51 42.1 34.3 51.5
86 63.3 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 98.162 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 563638

Ion Ratio Lower Upper

96 100

61 150.8 121.8 182.8

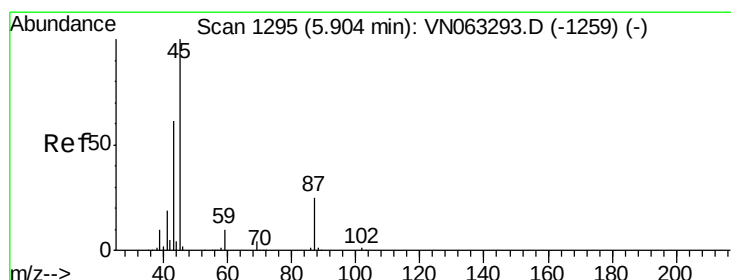
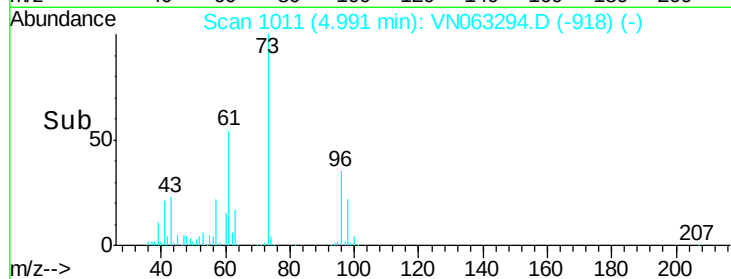
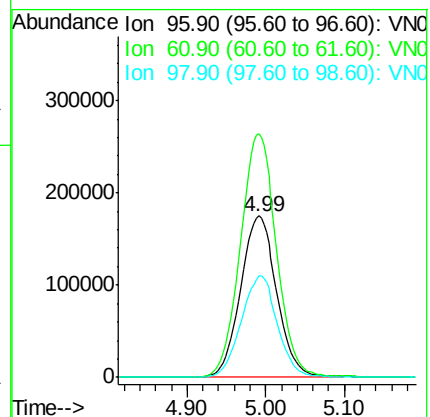
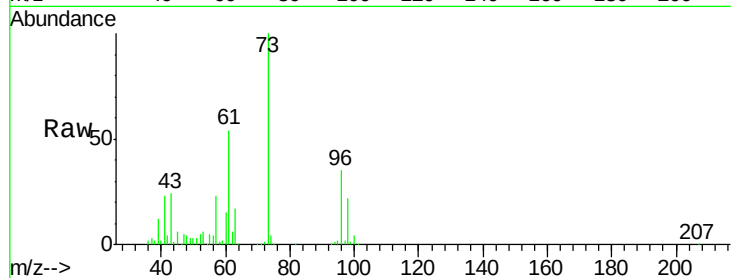
98 62.6 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 99.687 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Tgt Ion: 45 Resp: 2081771

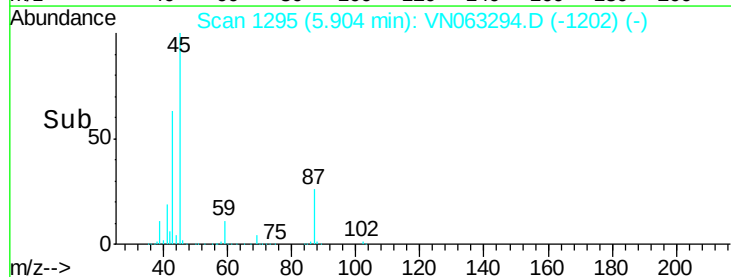
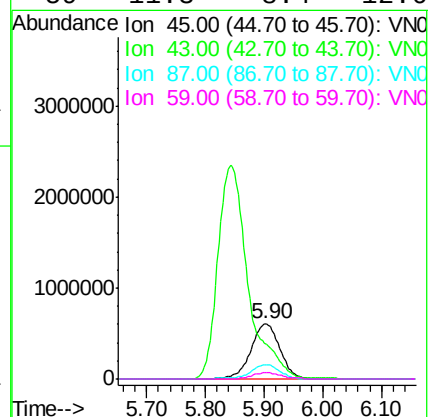
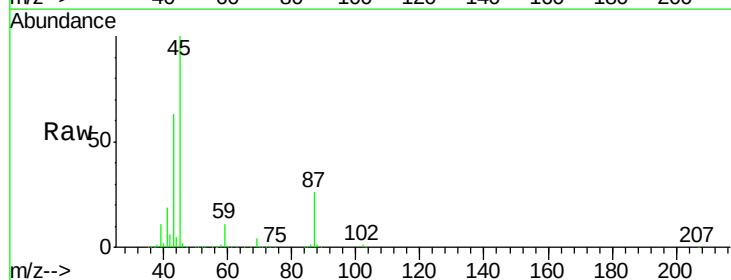
Ion Ratio Lower Upper

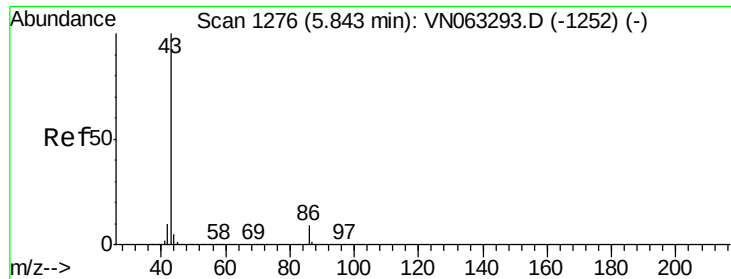
45 100

43 62.4 50.3 75.5

87 26.3 20.7 31.1

59 11.3 8.4 12.6





#23

Vinyl Acetate

Concen: 508.186 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 8442990

Ion Ratio Lower Upper

43 100

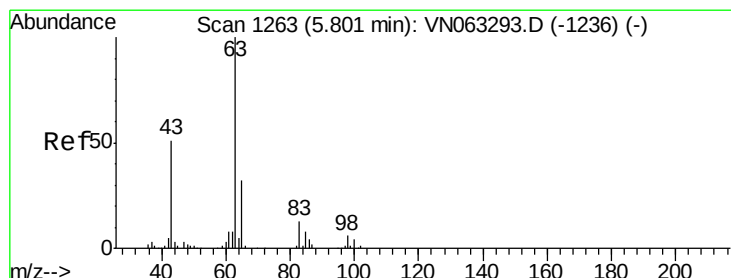
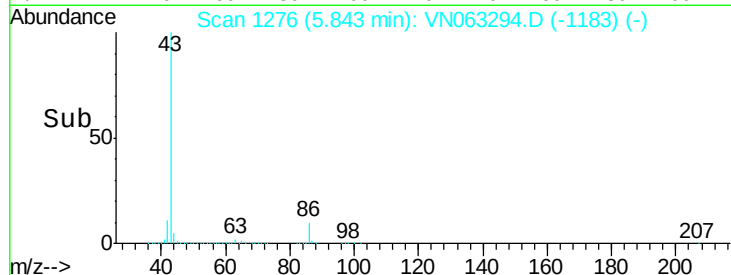
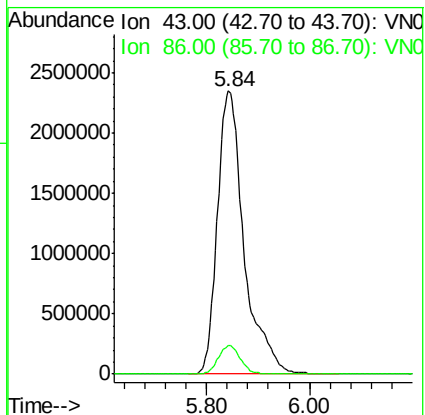
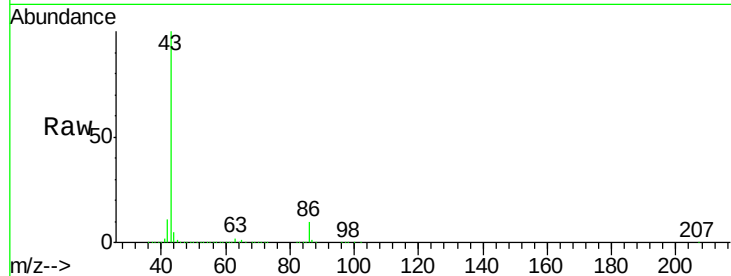
86 10.1 7.2 10.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 97.288 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

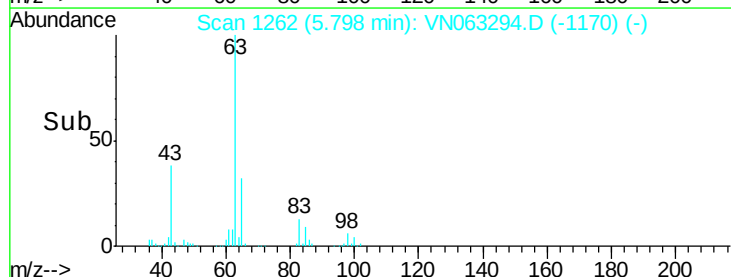
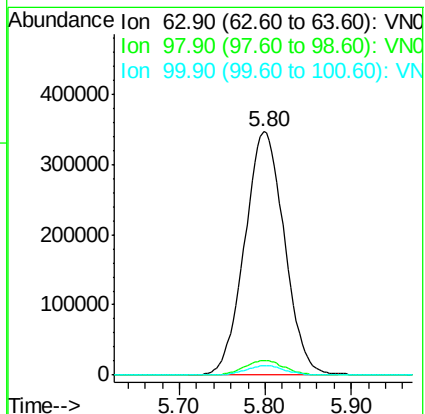
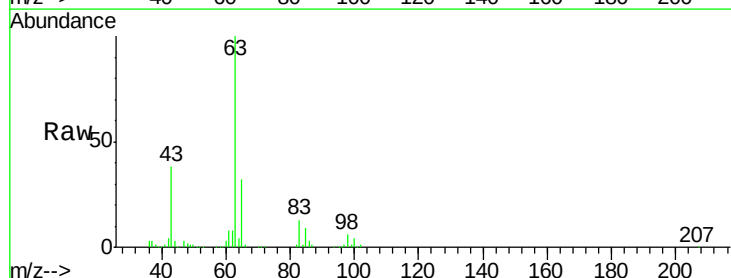
Tgt Ion: 63 Resp: 1115049

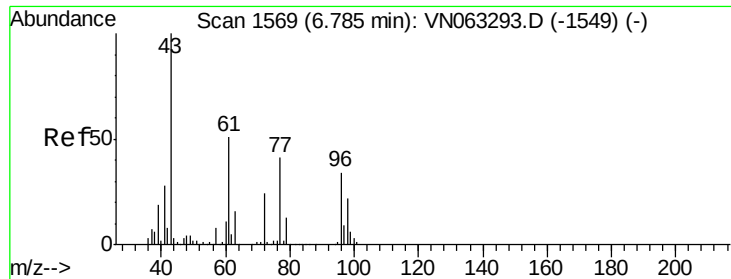
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.8 2.0 6.0





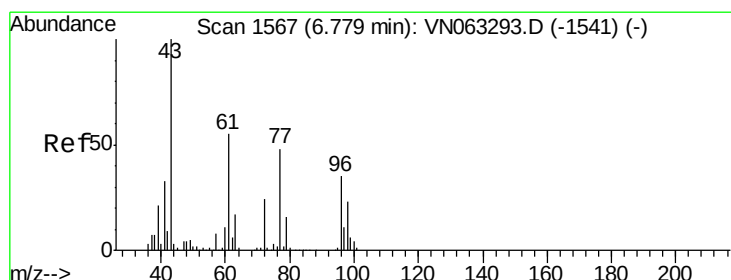
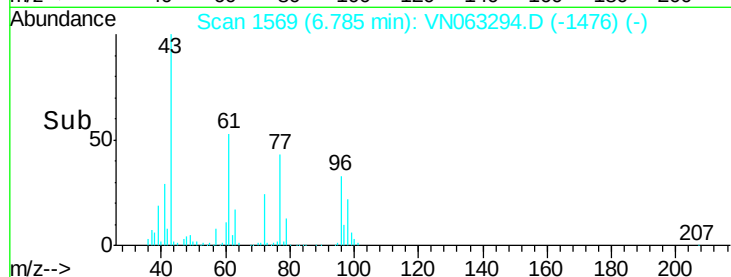
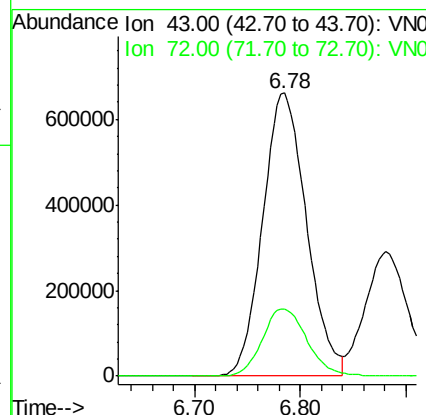
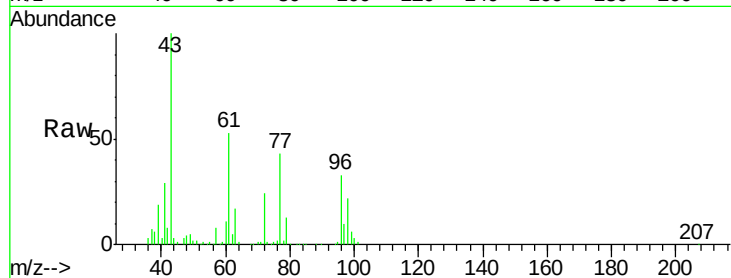
#25
2-Butanone
Concen: 548.991 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1903377
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.2

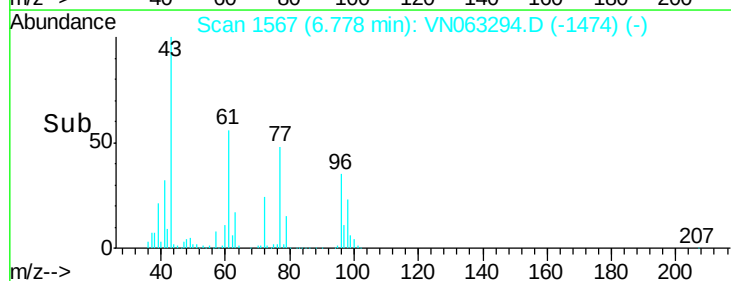
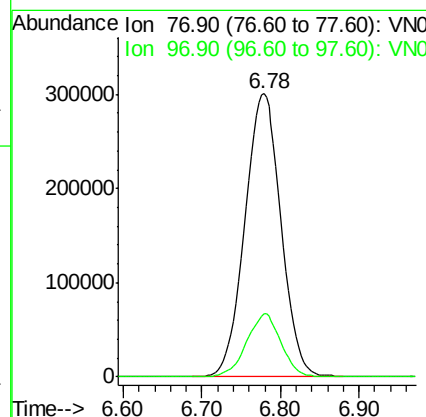
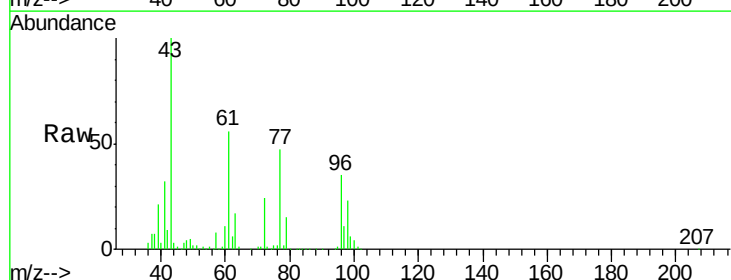
Manual Integrations
APPROVED

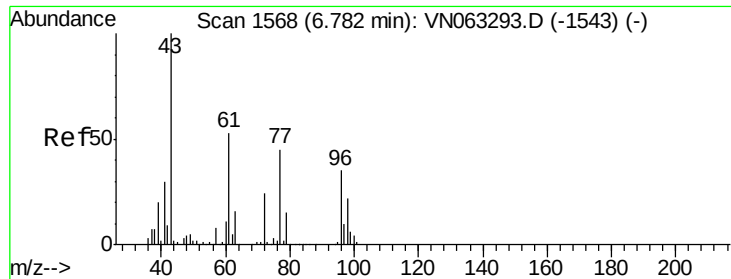
MMDadoda
9/11/2020 2:02:29 PM



#26
2,2-Dichloropropane
Concen: 93.524 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 77 Resp: 972897
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.6





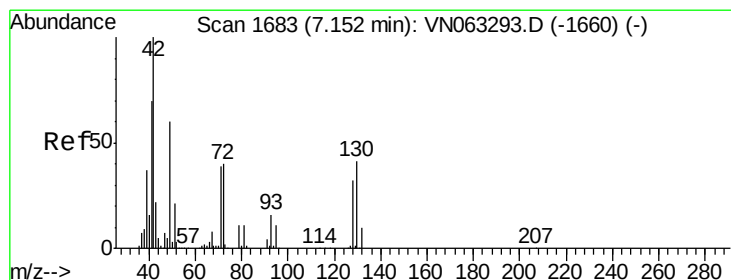
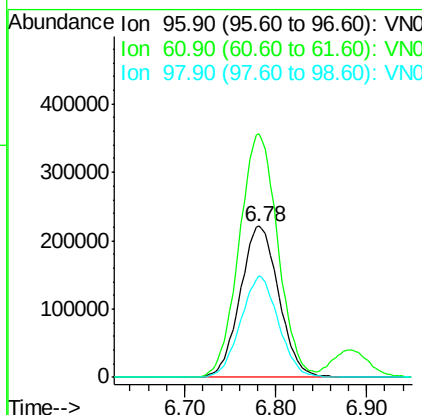
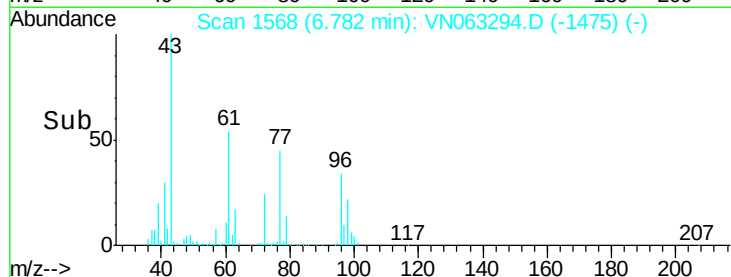
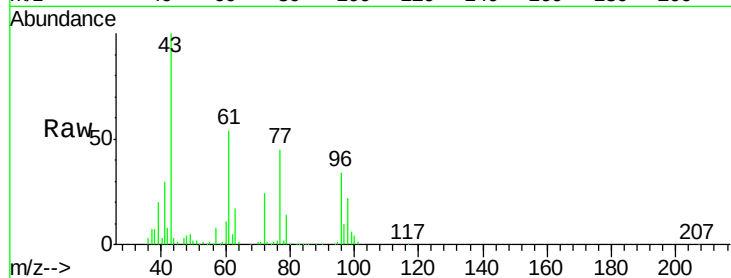
#27
 cis-1,2-Dichloroethene
 Concen: 93.518 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	652696		
61	161.2	0.0	322.8	
98	65.8	0.0	132.2	

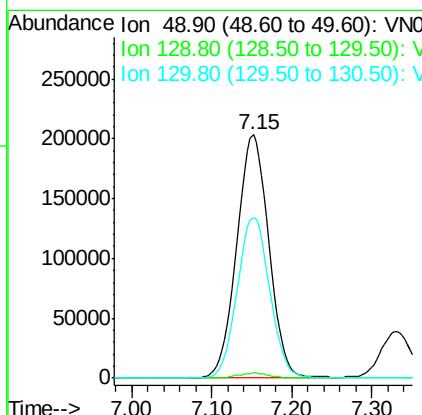
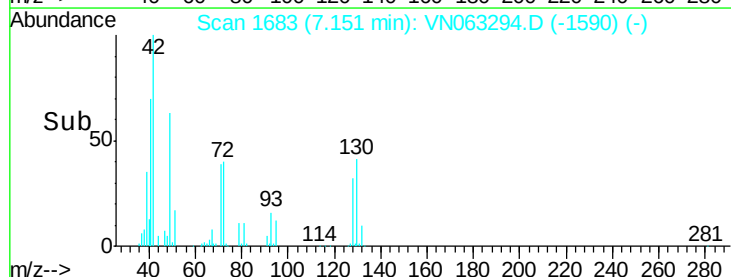
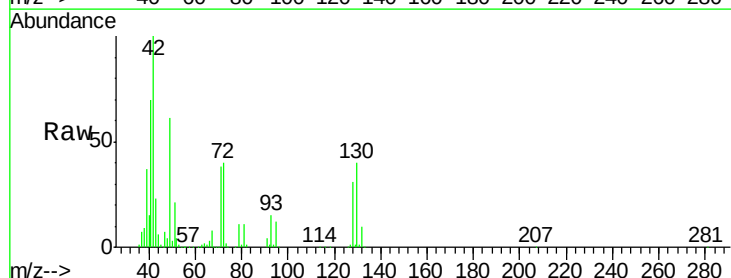
Manual Integrations
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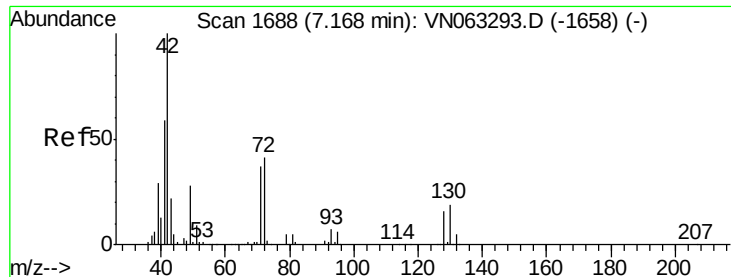
MMDadoda
 9/11/2020 2:02:29 PM



#28
 Bromochloromethane
 Concen: 94.136 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	552385		
129	1.9	0.0	3.4	
130	66.6	53.1	79.7	





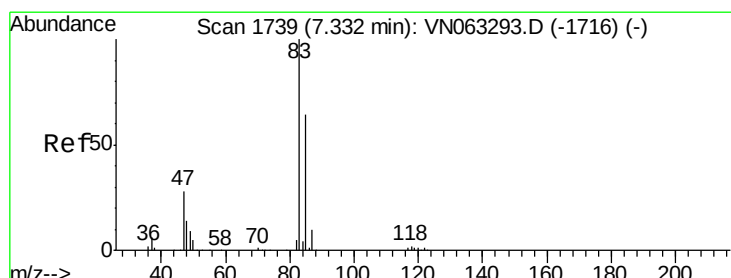
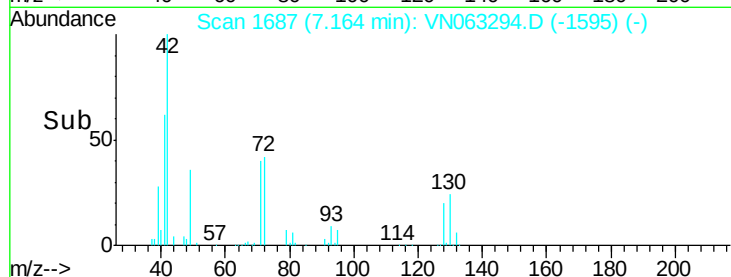
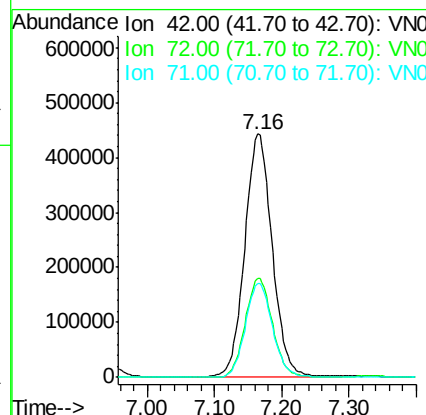
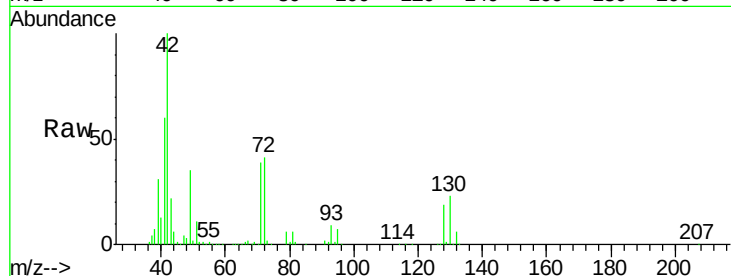
#29
Tetrahydrofuran
Concen: 525.354 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.4	47.2
71	38.2	30.0	45.0

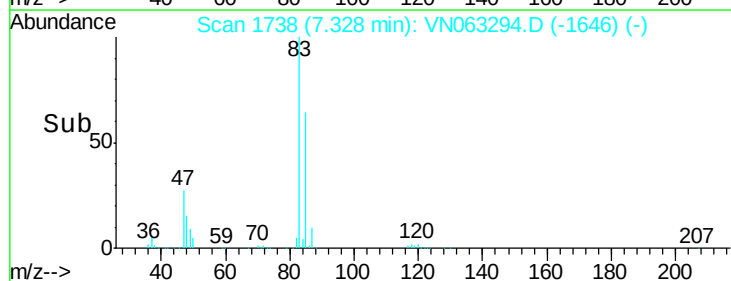
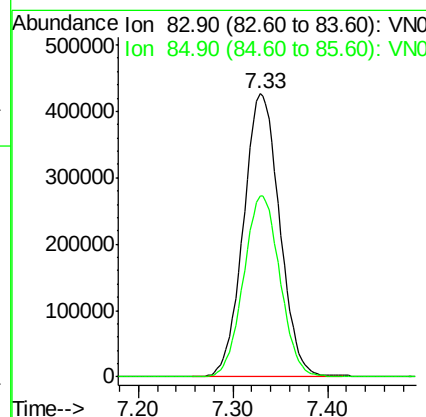
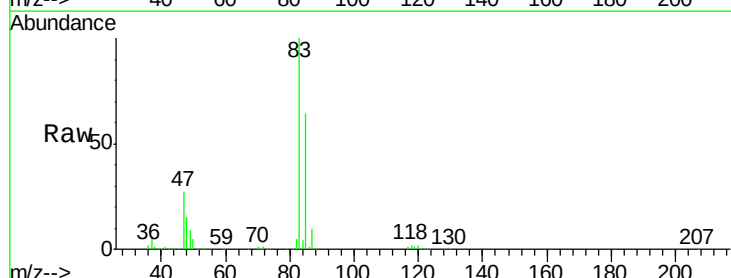
Manual Integrations
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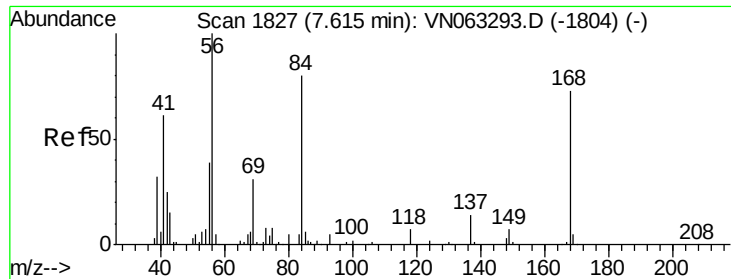
MMDadoda
9/11/2020 2:02:29 PM



#30
Chloroform
Concen: 94.829 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8





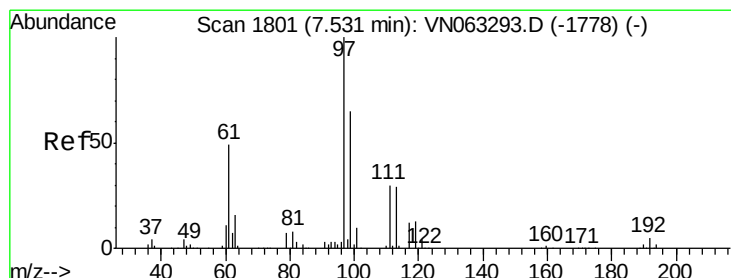
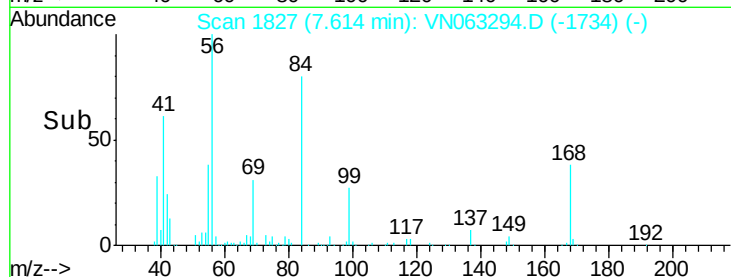
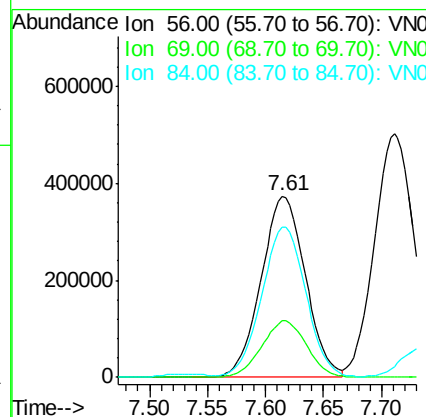
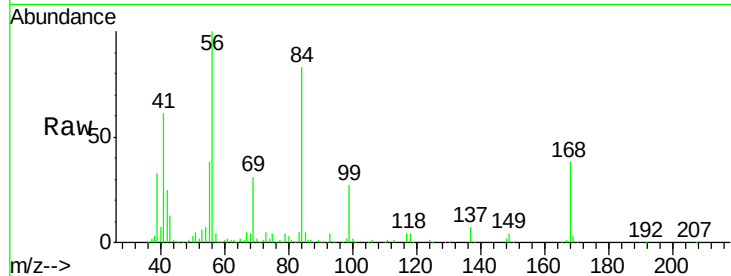
#31
Cyclohexane
Concen: 91.855 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.1	37.7
84	81.4	64.2	96.2

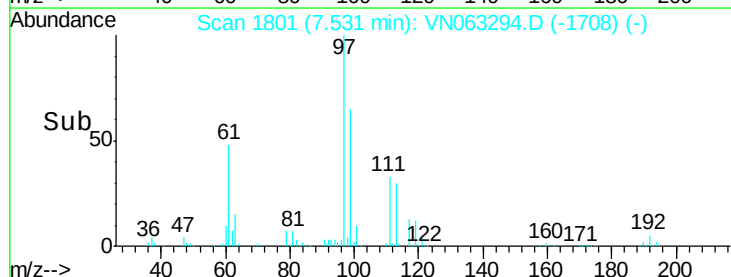
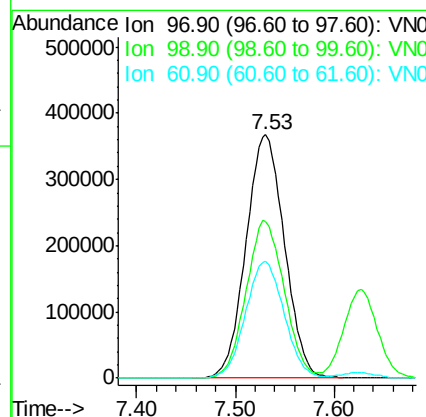
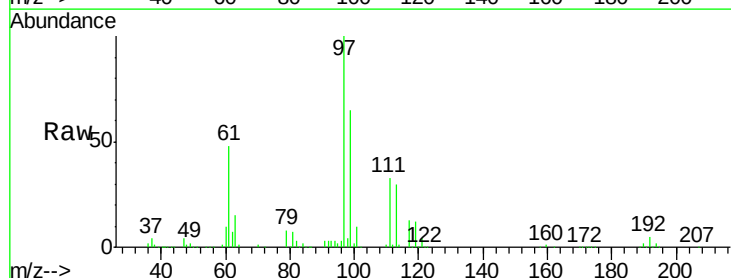
Manual Integrations
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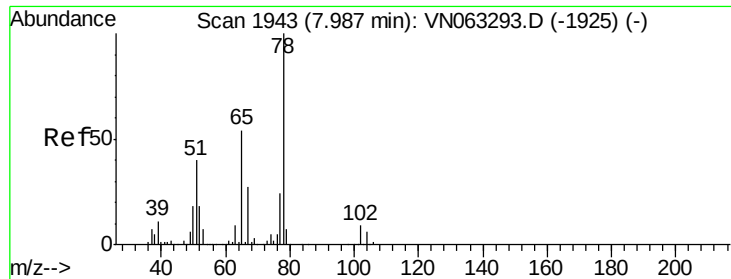
MMDadoda
9/11/2020 2:02:29 PM



#32
1,1,1-Trichloroethane
Concen: 96.593 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	48.1	38.9	58.3





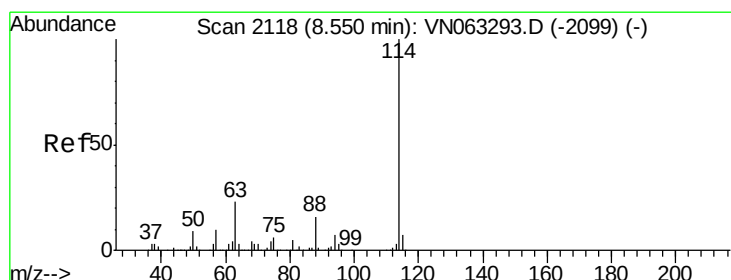
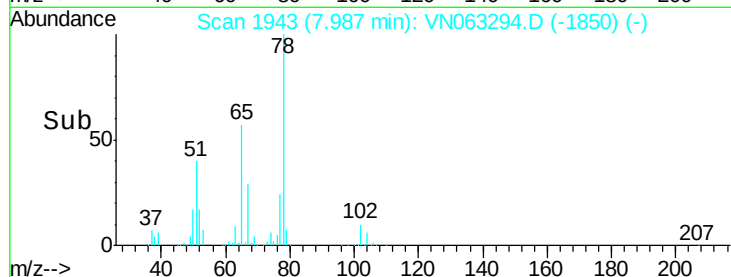
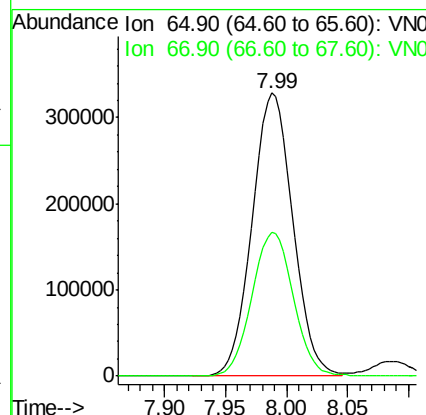
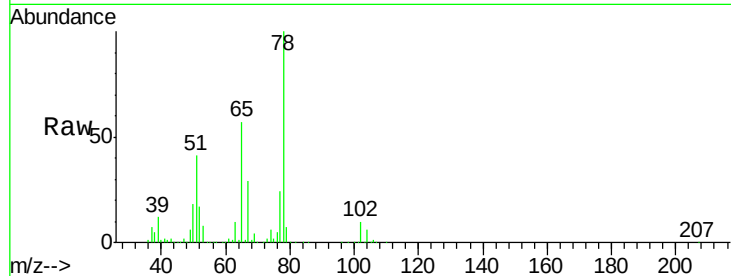
#33
 1,2-Dichloroethane-d4
 Concen: 98.285 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

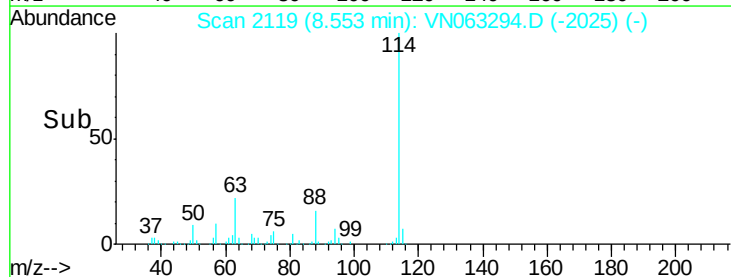
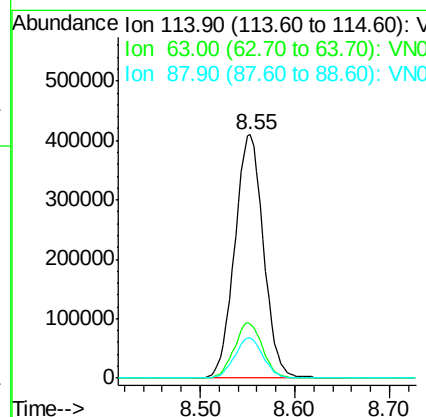
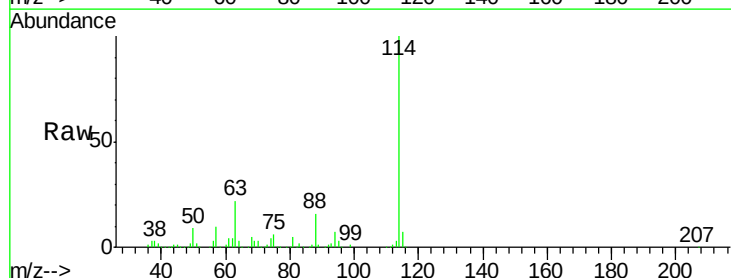
Manual Integrations
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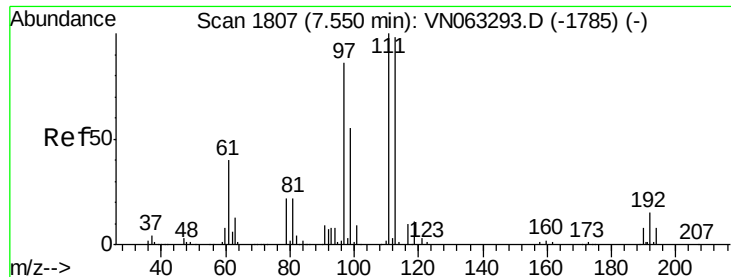
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 9/11/2020 2:02:29 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	46.0
88	16.3	0.0	32.8





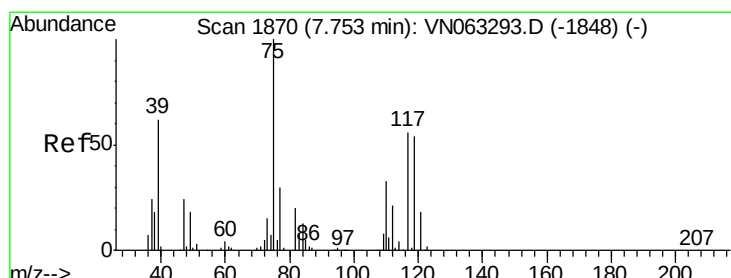
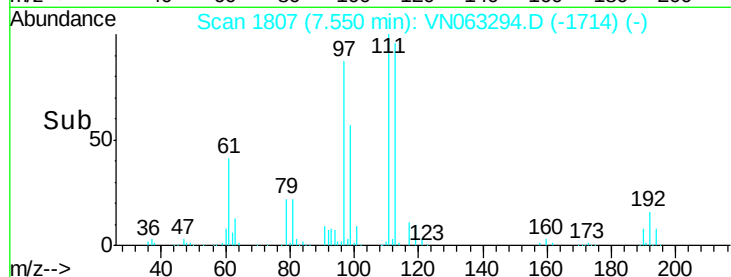
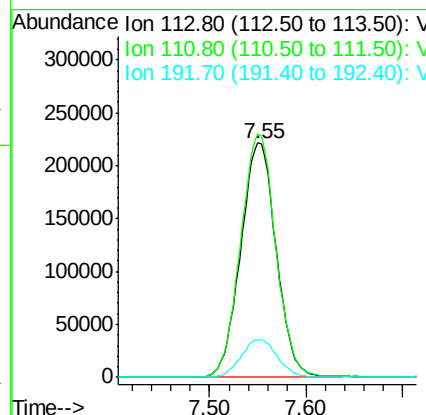
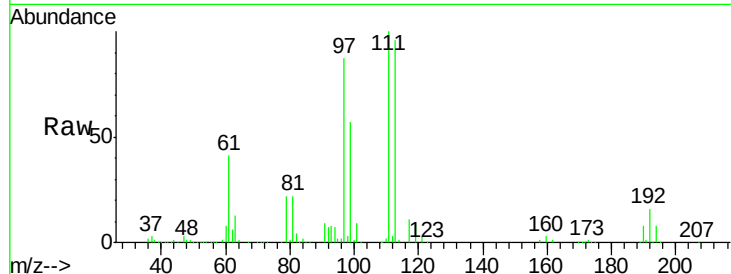
#35
 Dibromofluoromethane
 Concen: 102.888 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	565640		
111	102.8	82.2	123.2	
192	16.5	12.9	19.3	

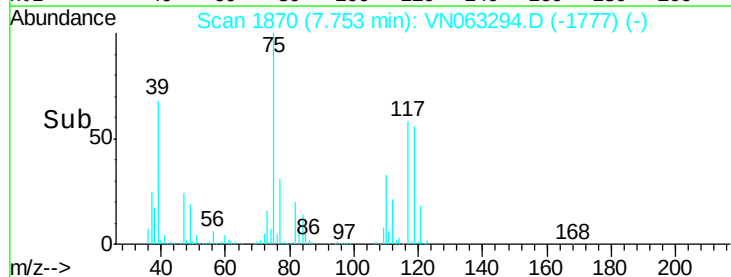
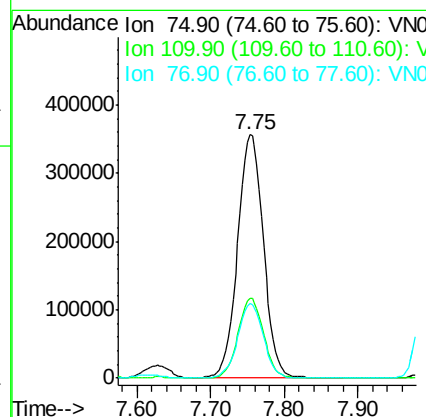
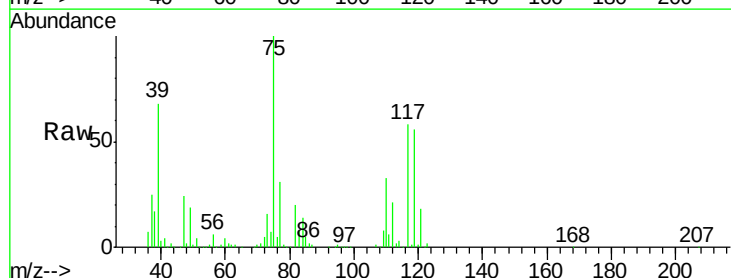
Manual Integrations
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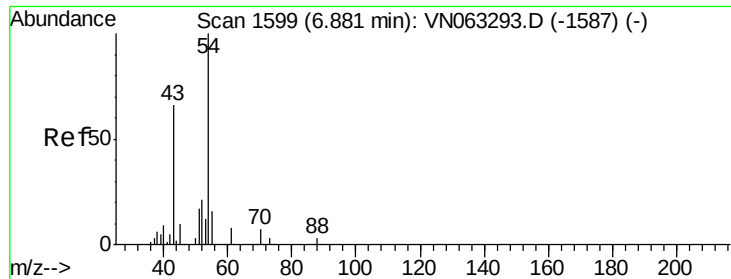
MMDadoda
 9/11/2020 2:02:29 PM



#36
 1,1-Dichloropropene
 Concen: 104.436 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	868394		
110	32.4	16.4	49.4	
77	30.7	24.8	37.2	





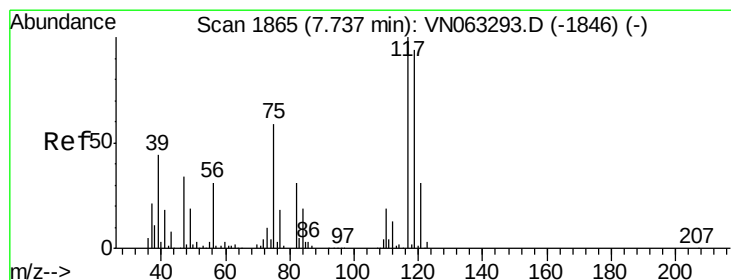
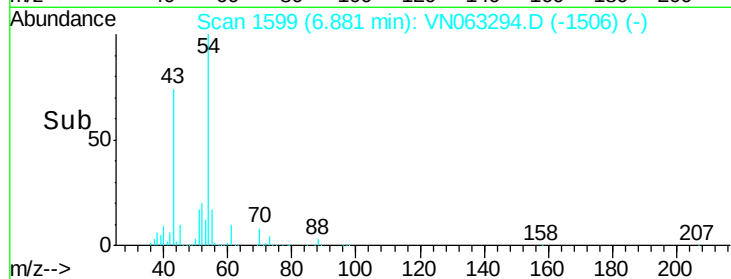
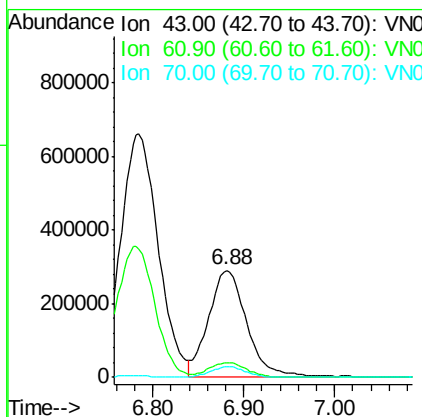
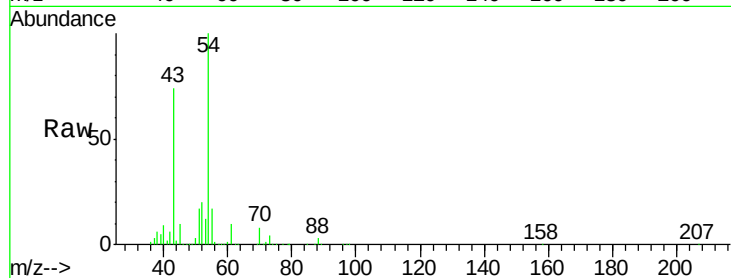
#37
Ethyl Acetate
Concen: 116.820 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.1	15.1
70	9.3	7.4	11.2

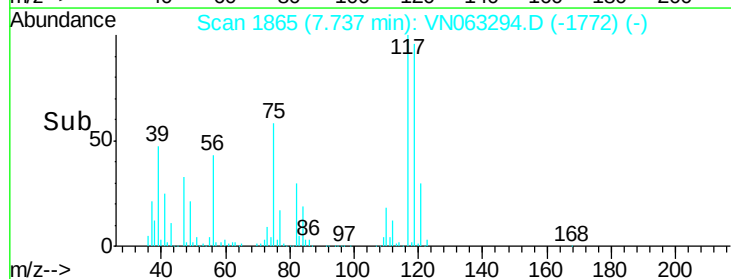
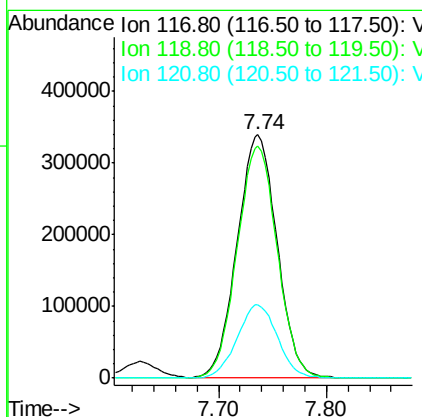
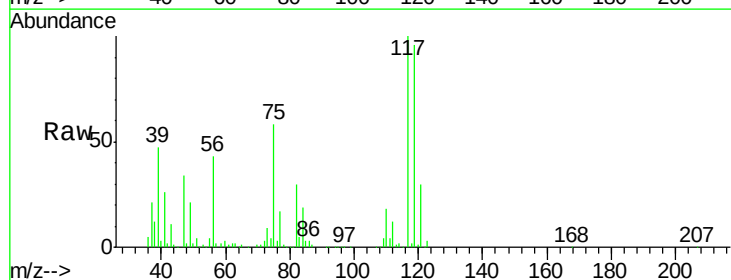
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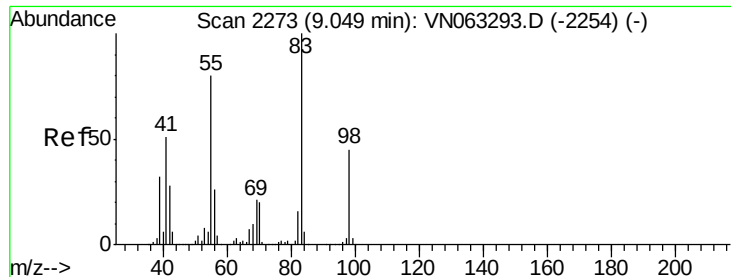
MMDadoda
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#38
Carbon Tetrachloride
Concen: 102.916 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.3	112.9
121	30.4	24.6	37.0





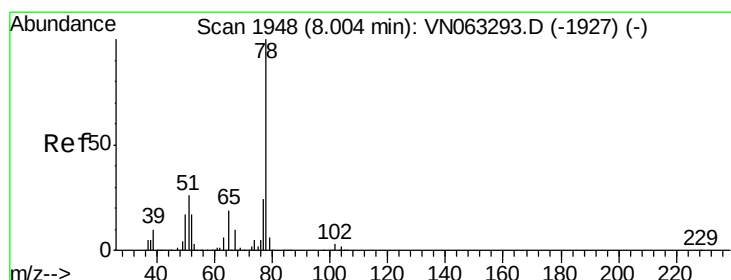
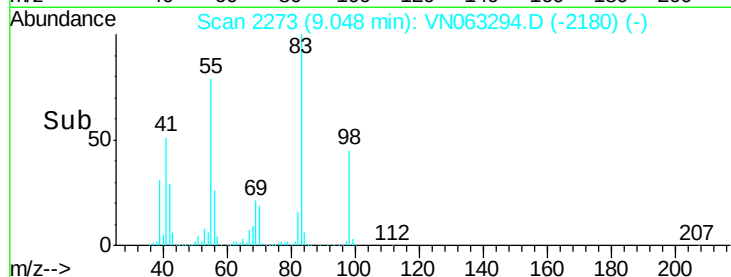
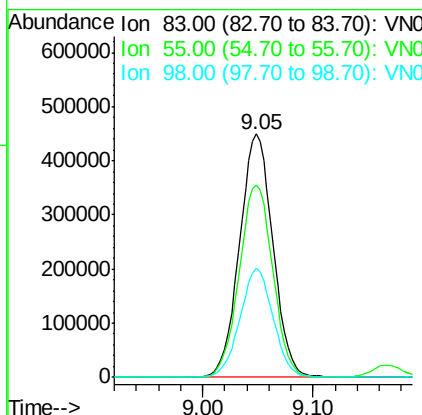
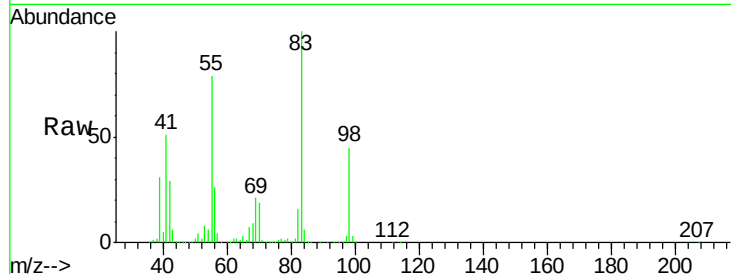
#39
Methylvlcyclohexane
Concen: 101.195 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	64.0	96.0
98	44.6	36.4	54.6

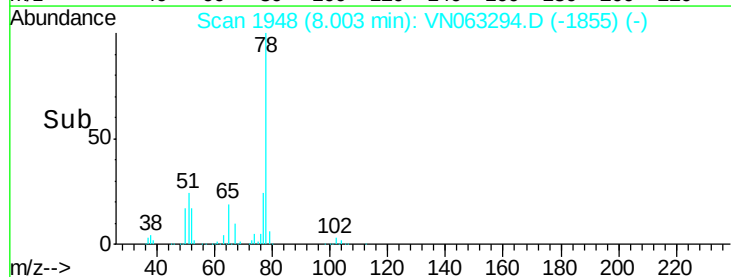
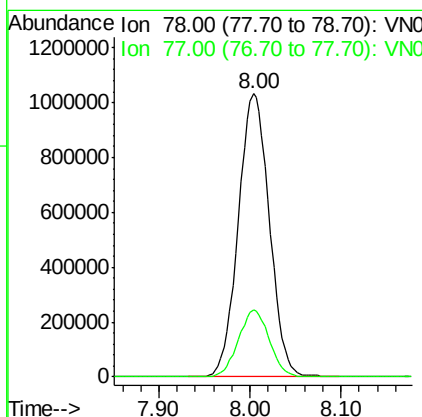
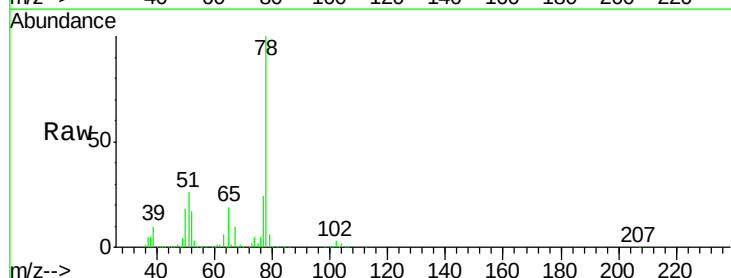
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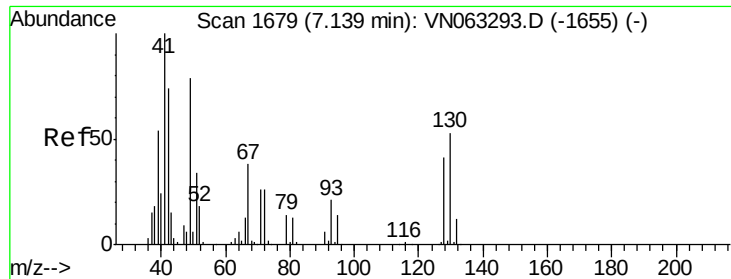
MMDadoda
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#40
Benzene
Concen: 100.941 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





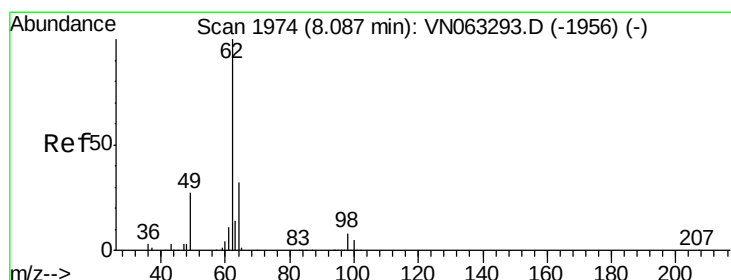
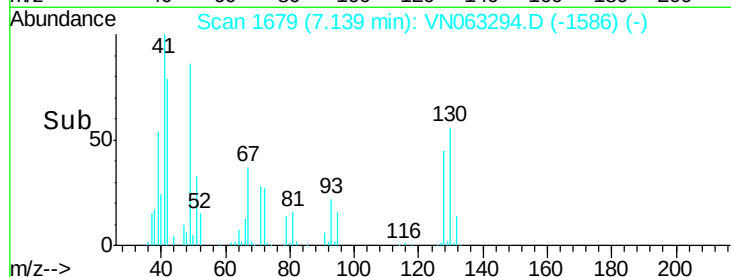
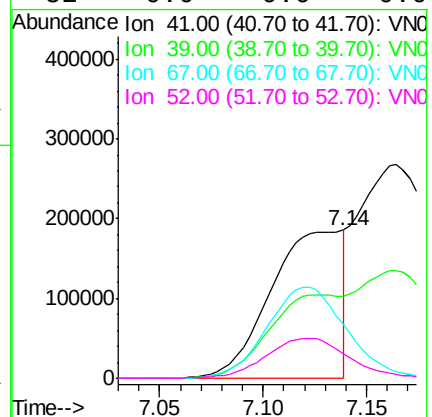
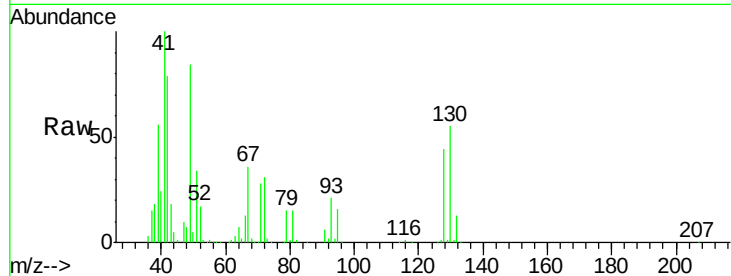
#41
Methacrylonitrile
Concen: 123.742 ug/l m
RT: 7.14 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	41	Resp	444446
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

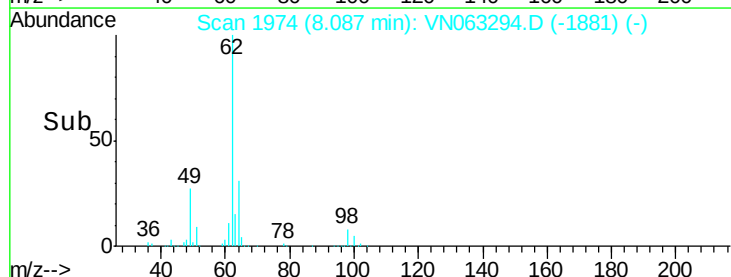
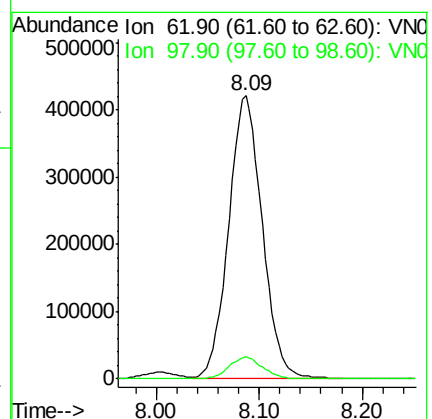
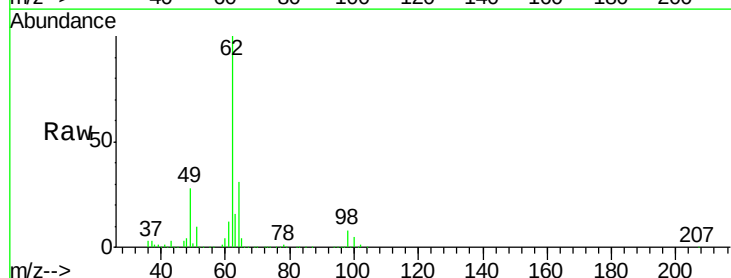
Manual Integrations
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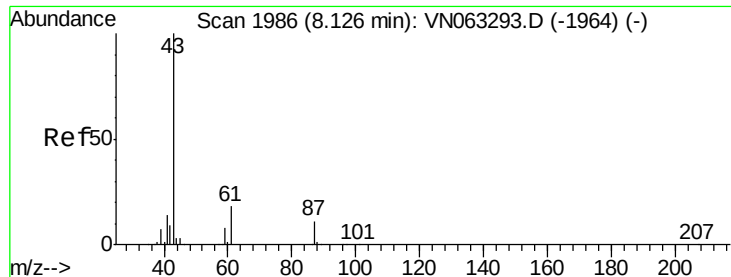
MMDadoda
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#42
1,2-Dichloroethane
Concen: 104.417 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	62	Resp	950702
Ion Ratio	Lower	Upper	
62	100		
98	7.8	0.0	15.4





#43

Isopropyl Acetate

Concen: 109.749 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1486479

Ion Ratio Lower Upper

43 100

61 24.6 15.1 22.7#

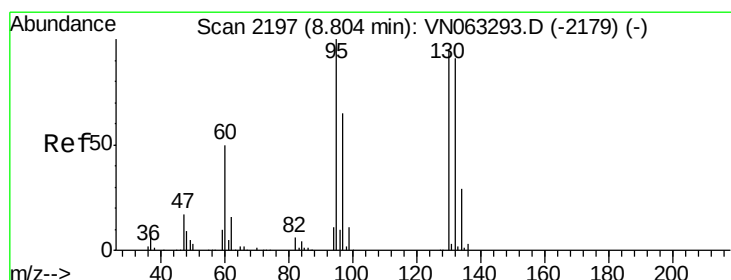
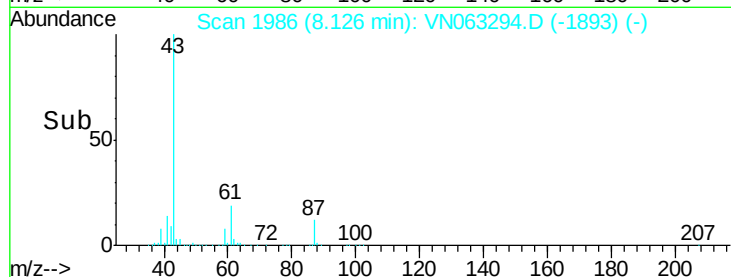
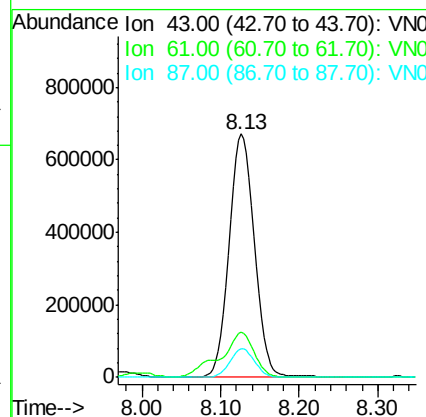
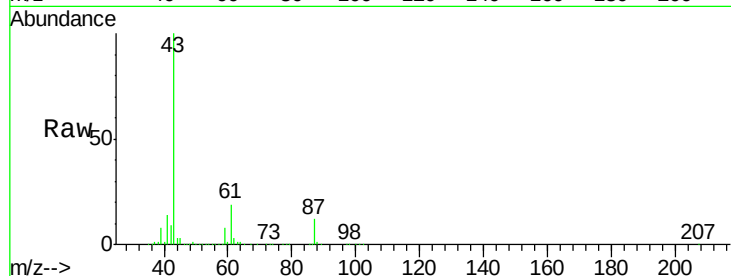
87 11.5 9.2 13.8

Manual Integrations

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#44

Trichloroethene

Concen: 106.566 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063294.D

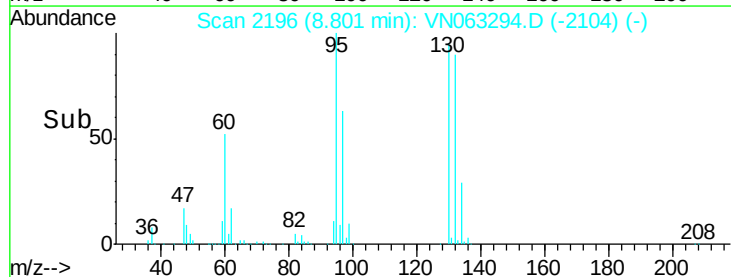
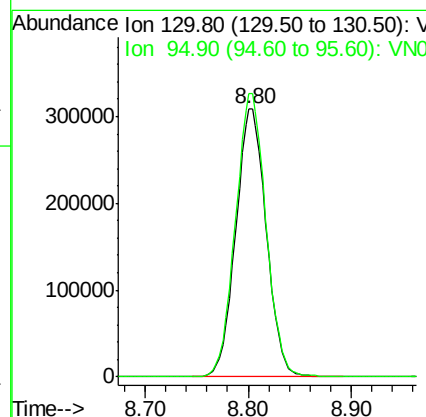
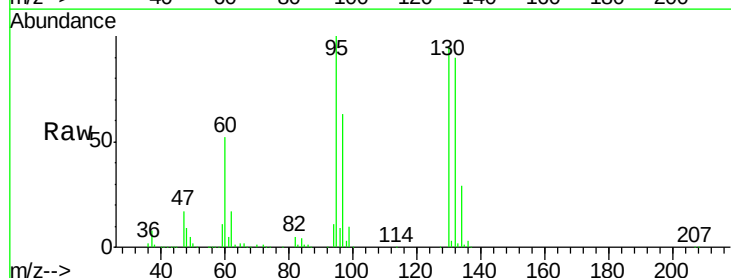
Acq: 10 Sep 2020 14:20

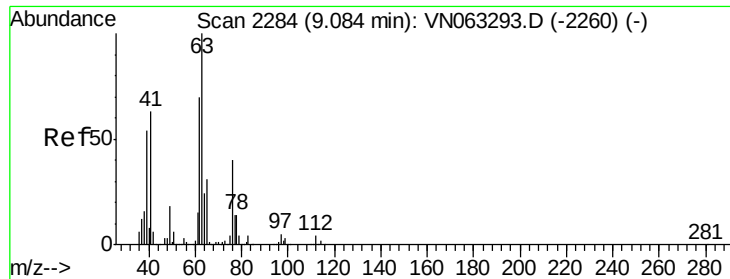
Tgt Ion:130 Resp: 636677

Ion Ratio Lower Upper

130 100

95 105.5 0.0 210.8





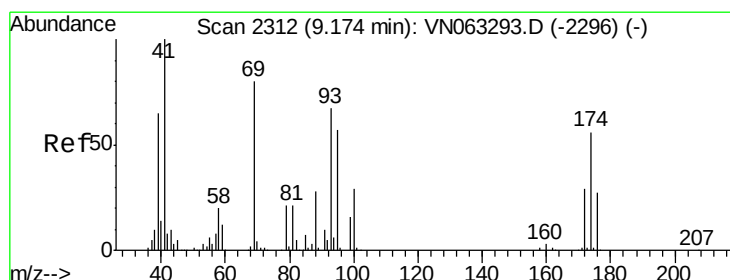
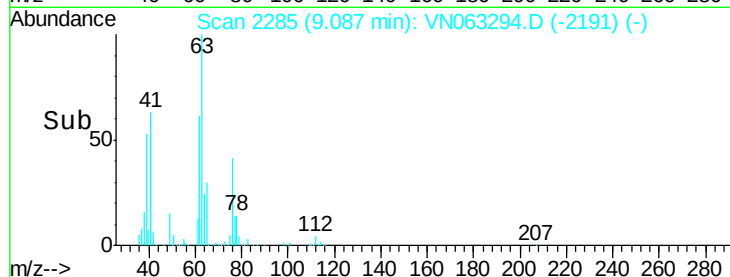
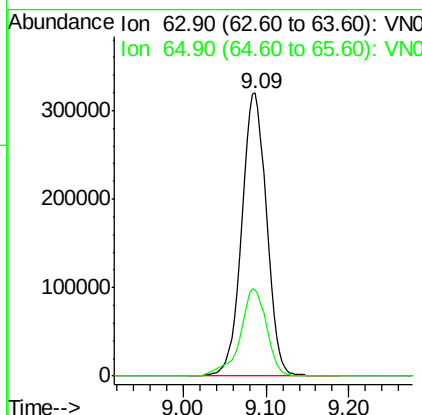
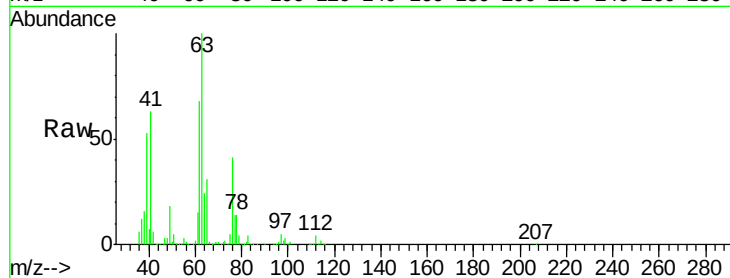
#45
 1,2-Dichloropropane
 Concen: 102.972 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	36.8

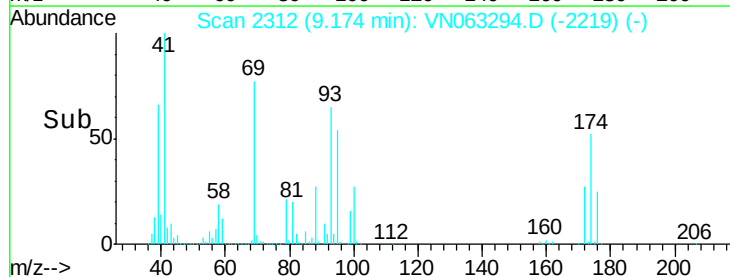
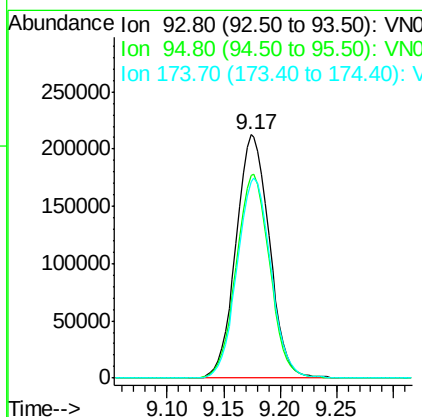
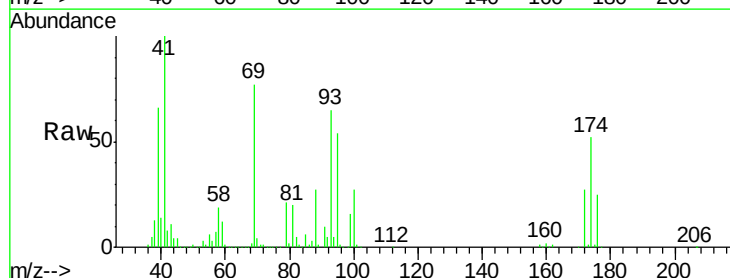
Manual Integrations
 APPROVED

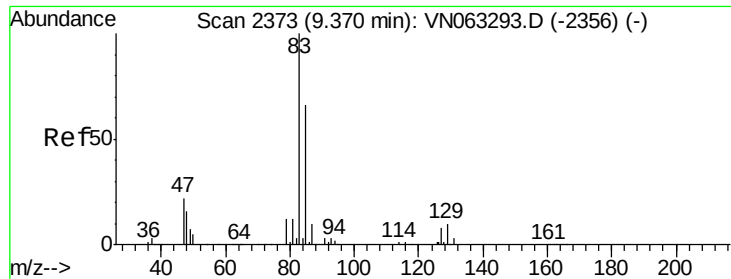
MMDadoda
 9/11/2020 2:02:29 PM



#46
 Dibromomethane
 Concen: 103.182 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.9	101.9
174	82.8	66.9	100.3





#47

Bromodichloromethane

Concen: 102.449 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

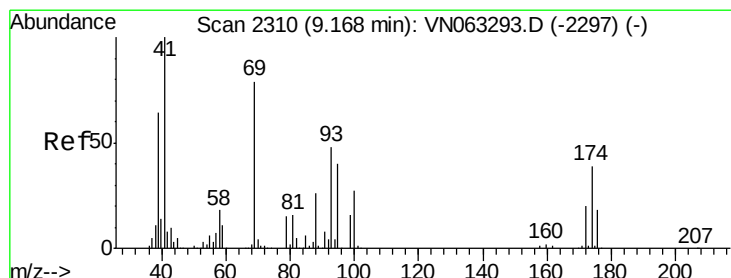
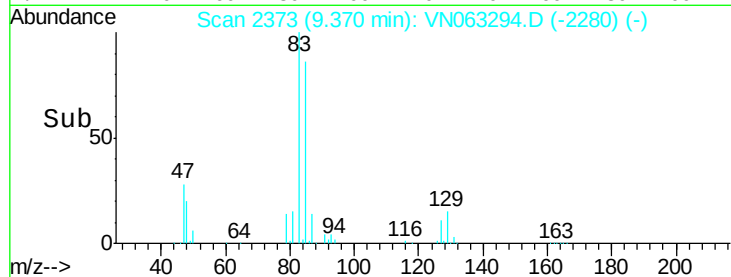
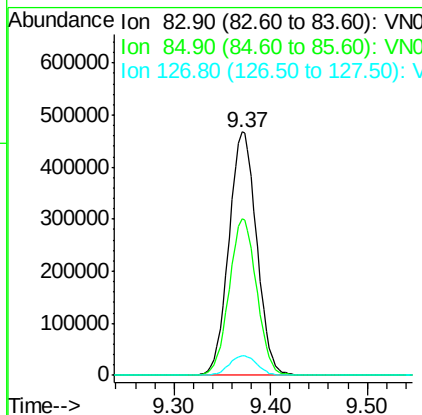
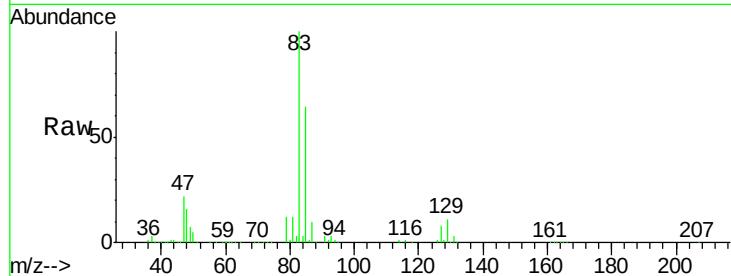
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	930675
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.5	78.7
127	8.2	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 113.840 ug/l

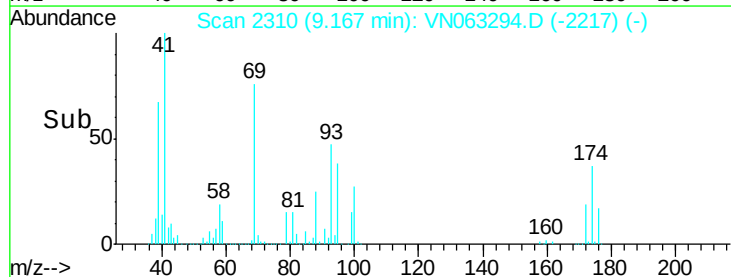
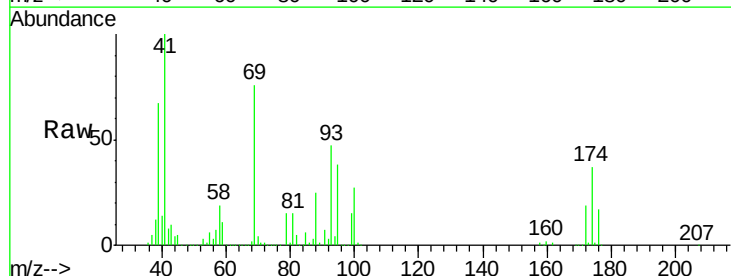
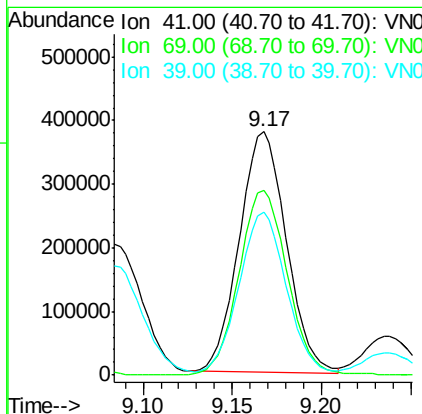
RT: 9.17 min Scan# 2310

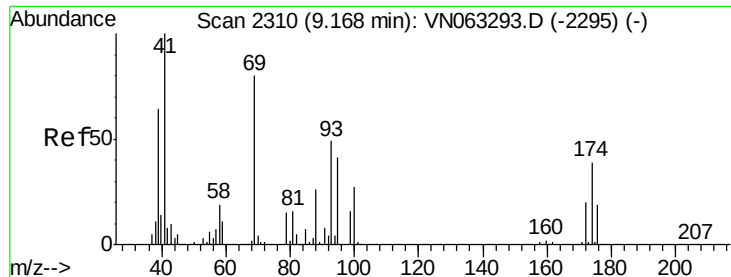
Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Tgt Ion:	41	Resp:	698153
Ion	Ratio	Lower	Upper
41	100		
69	79.2	63.6	95.4
39	68.4	53.2	79.8





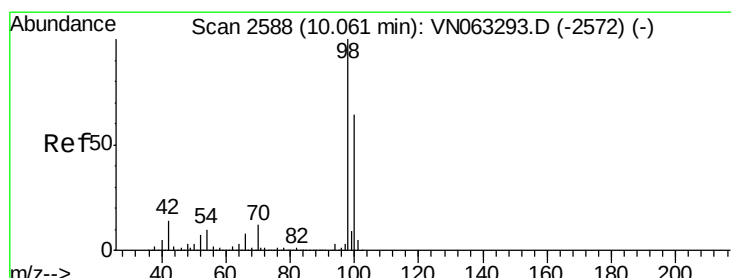
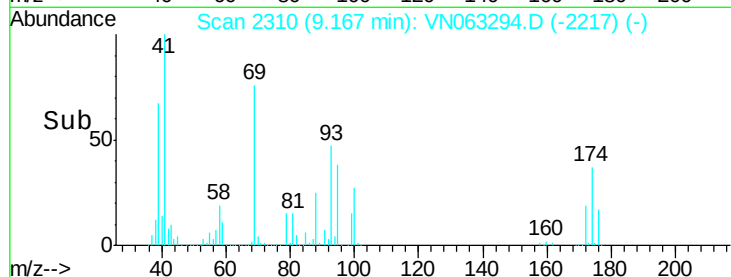
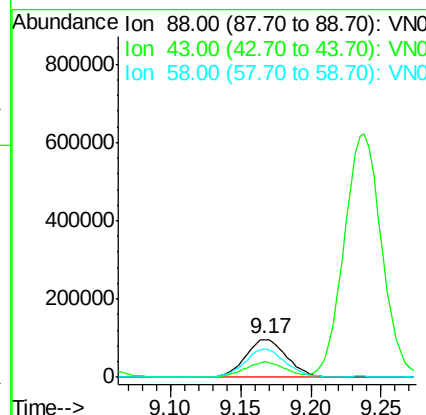
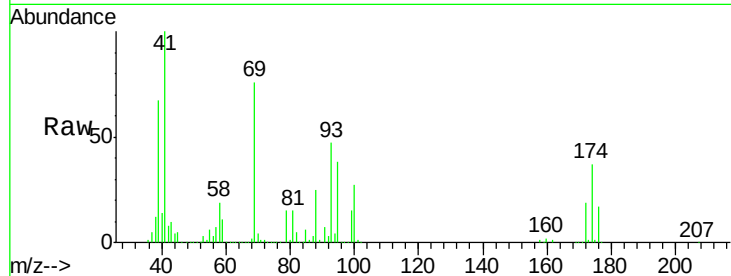
#49
1,4-Dioxane
Concen: 2121.360 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100	200152		
43	38.6		30.5	45.7
58	73.2		58.9	88.3

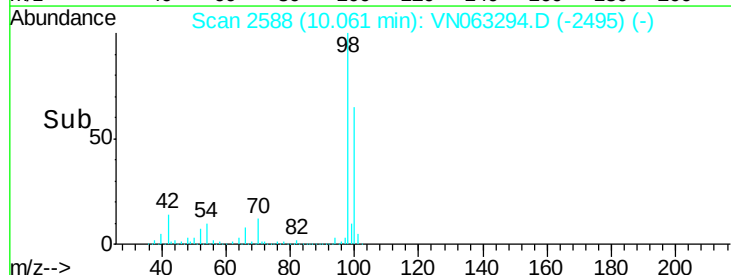
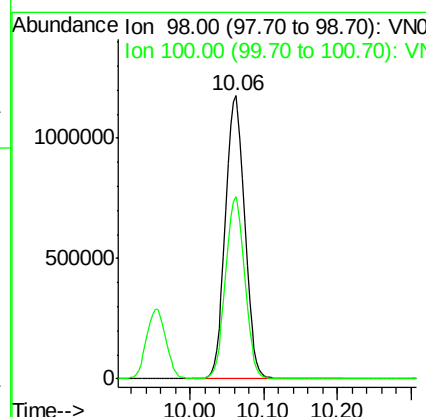
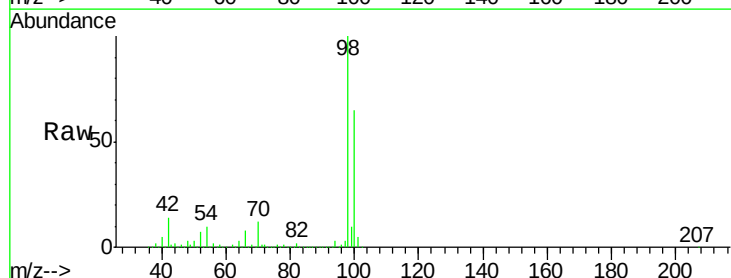
Manual Integrations
APPROVED

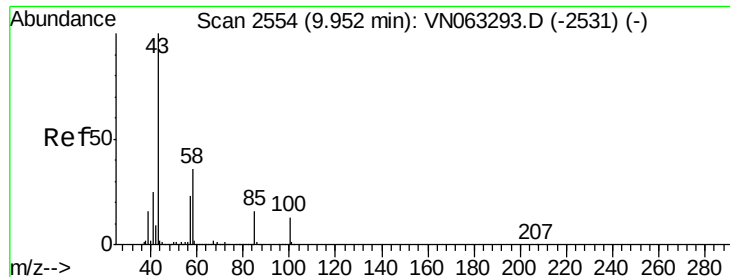
MMDadoda
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#50
Toluene-d8
Concen: 102.016 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2159739		
100	63.9		50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 542.049 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3993459

Ion Ratio Lower Upper

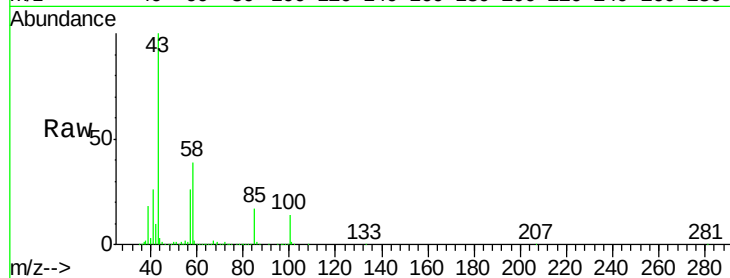
43 100

58 37.6 29.0 43.4

Manual Integrations
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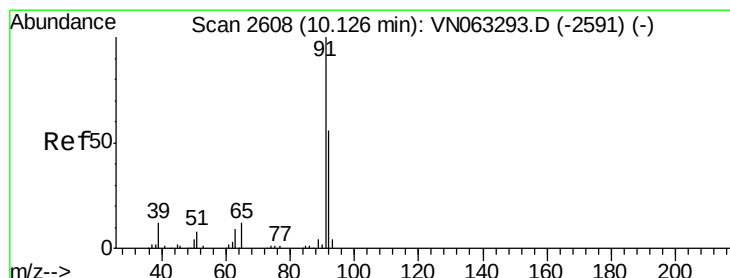
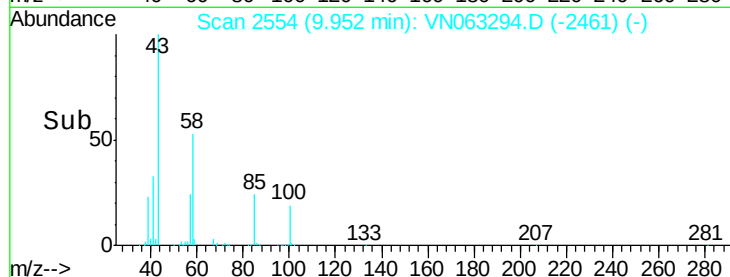
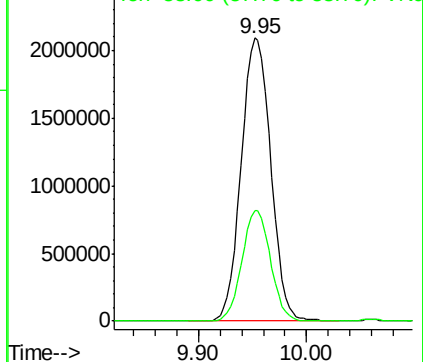
MMDadoda

9/11/2020 2:02:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 100.558 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063294.D

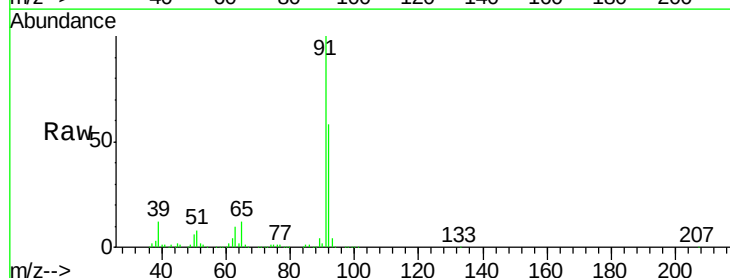
Acq: 10 Sep 2020 14:20

Tgt Ion: 92 Resp: 1514209

Ion Ratio Lower Upper

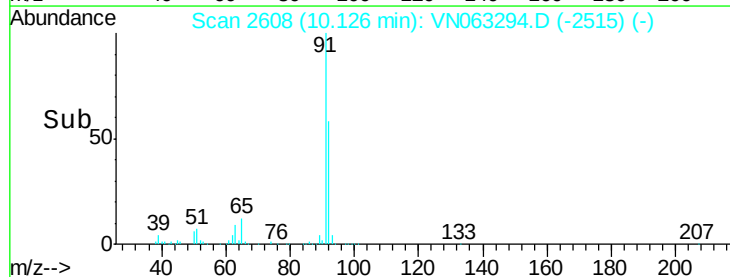
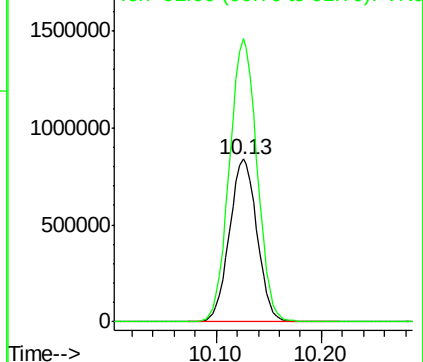
92 100

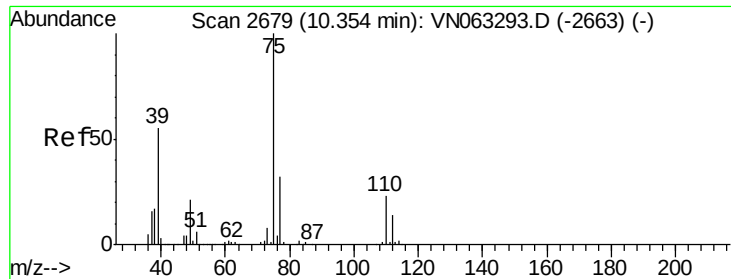
91 174.9 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





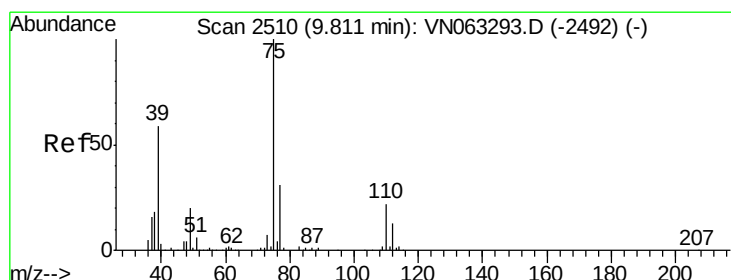
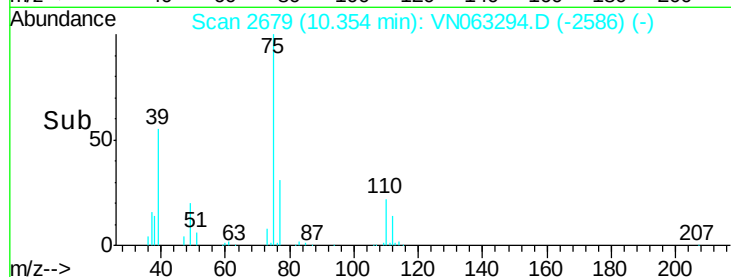
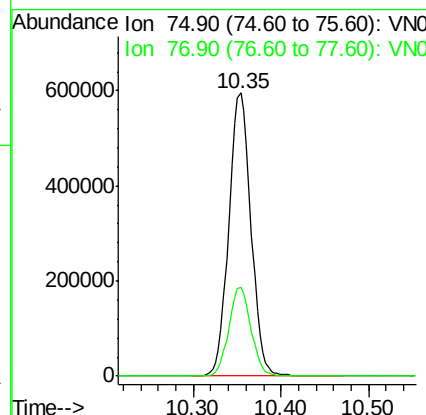
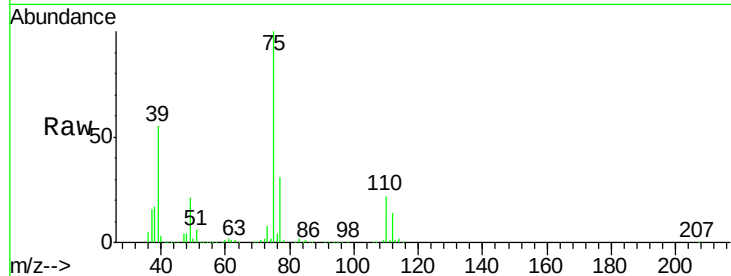
#53
t-1,3-Dichloropropene
Concen: 105.677 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 1045772
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

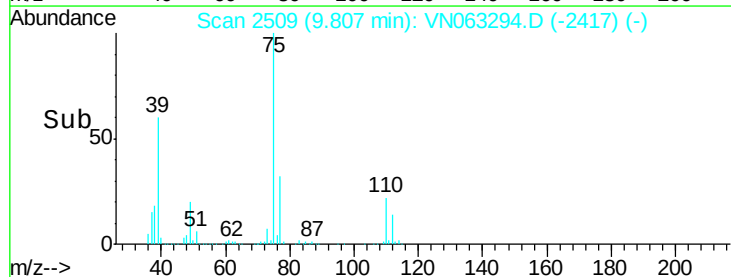
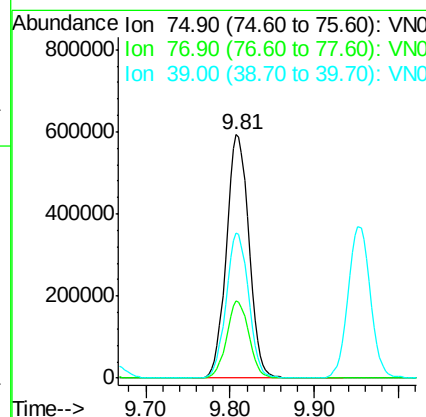
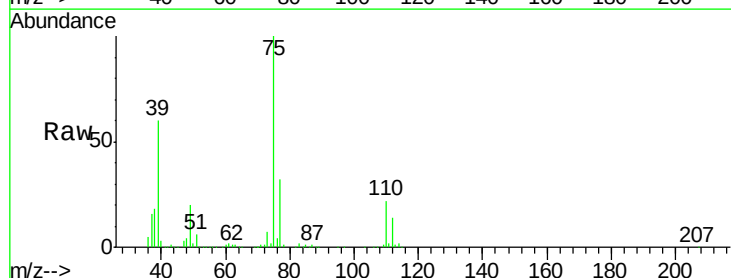
Manual Integrations
APPROVED

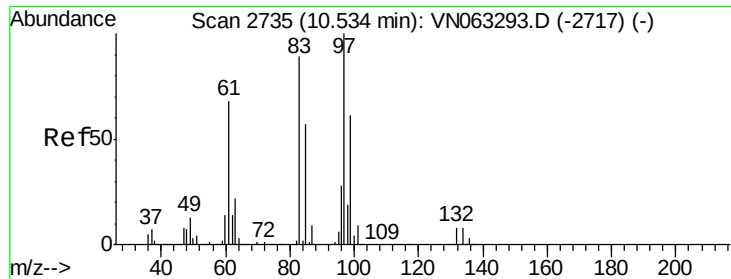
MMDadoda
9/11/2020 2:02:29 PM



#54
cis-1,3-Dichloropropene
Concen: 105.102 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion: 75 Resp: 1103450
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 59.6 47.2 70.8





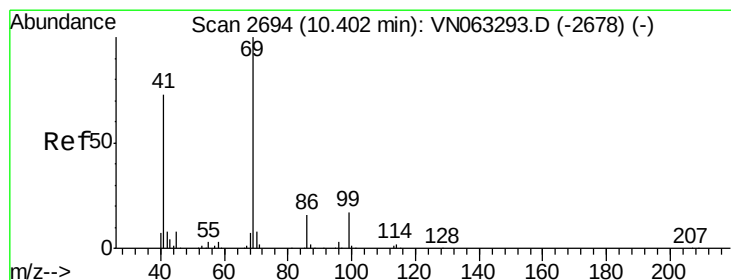
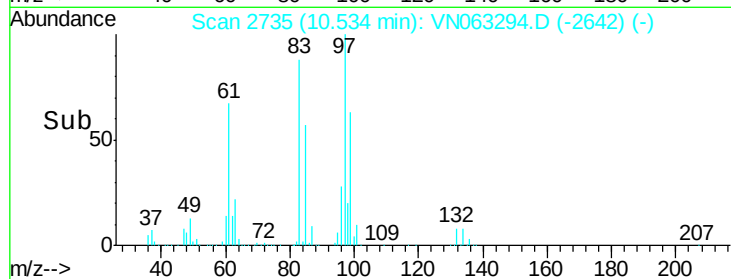
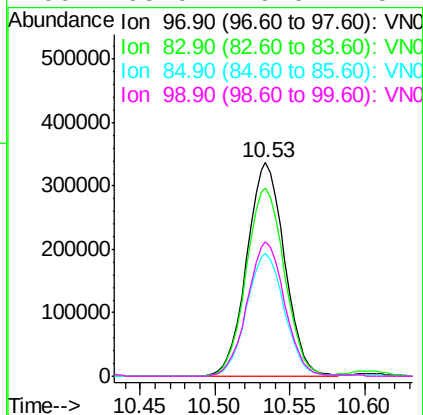
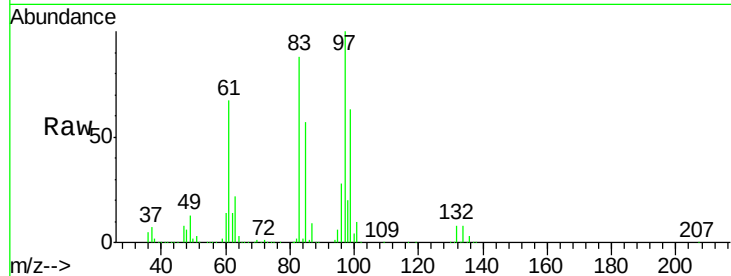
#55
 1,1,2-Trichloroethane
 Concen: 102.502 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	592603
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.8	106.2
85	57.3	45.6	68.4
99	63.0	49.0	73.4

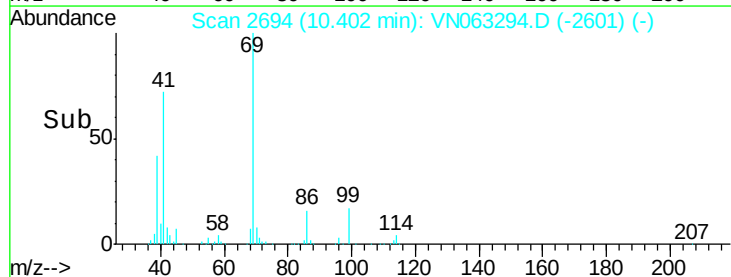
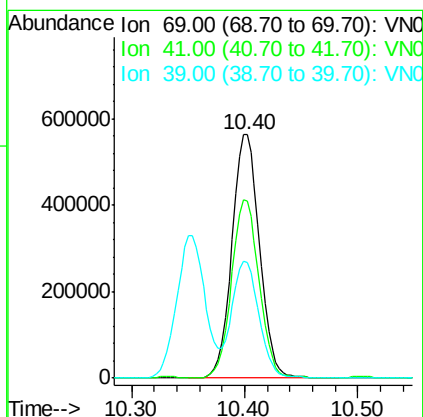
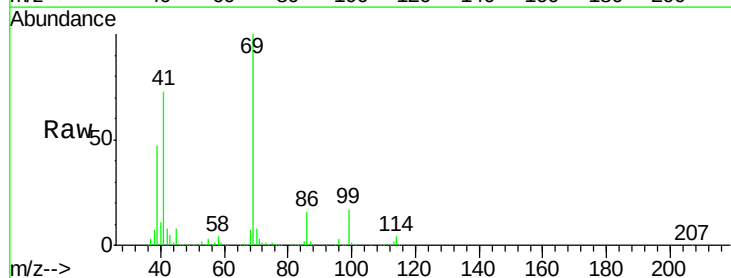
Manual Integrations
 APPROVED

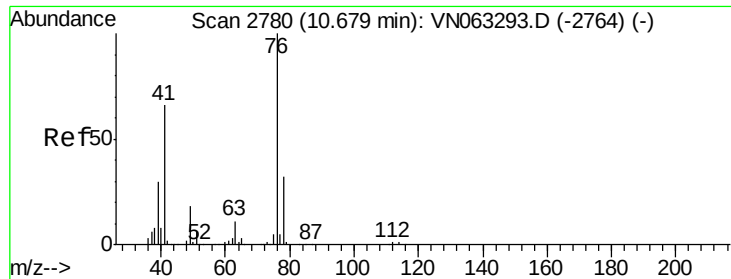
MMDadoda
 9/11/2020 2:02:29 PM



#56
 Ethyl methacrylate
 Concen: 108.329 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion:	69	Resp:	955015
Ion	Ratio	Lower	Upper
69	100		
41	72.8	58.4	87.6
39	48.0	38.6	58.0





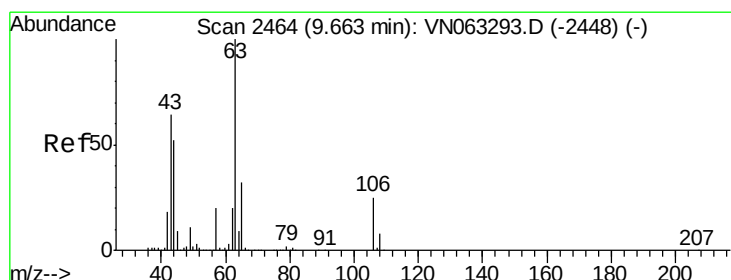
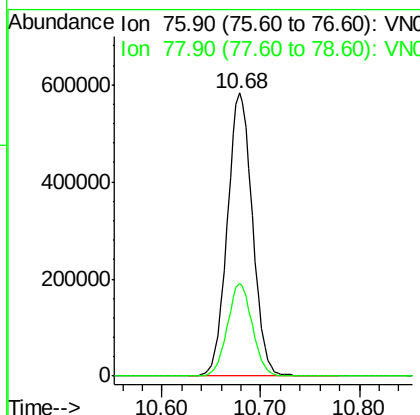
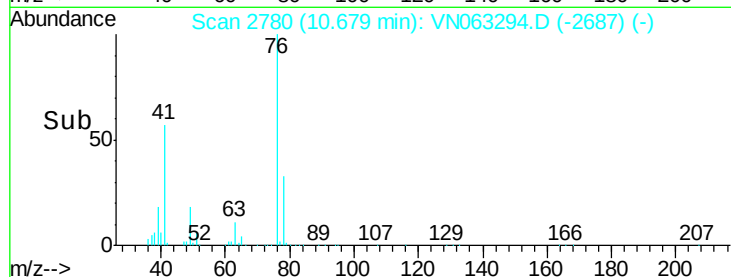
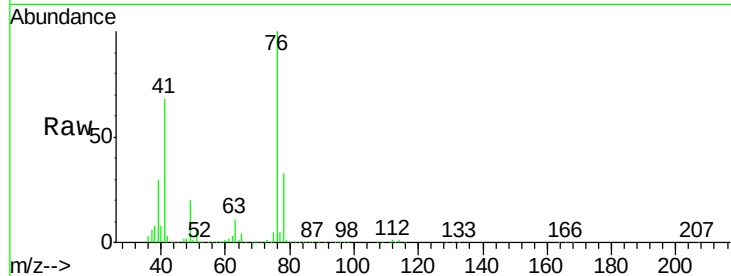
#57
 1,3-Dichloropropane
 Concen: 100.996 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tot Ion: 76 Resp: 1036879
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

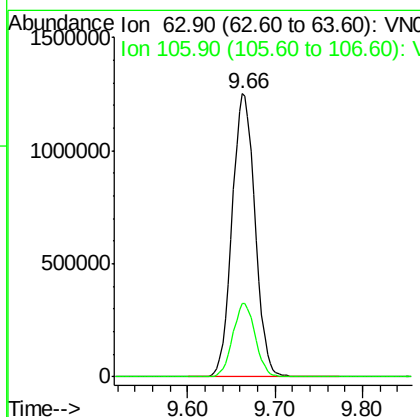
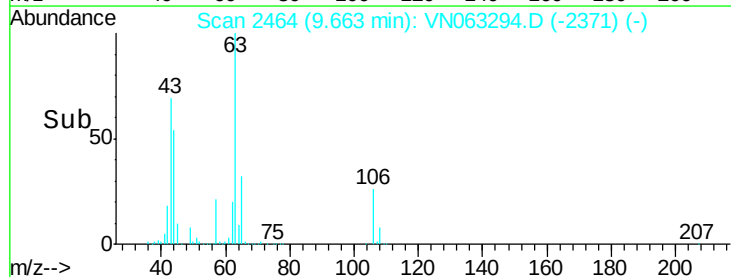
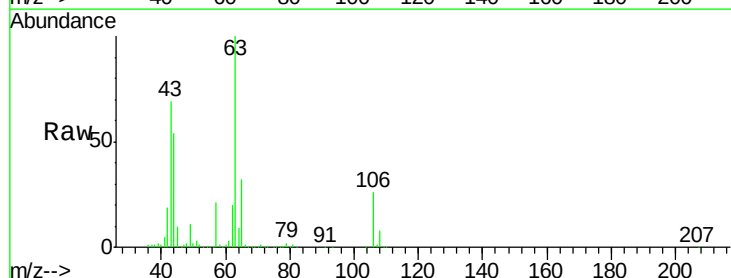
Manual Integrations
 APPROVED

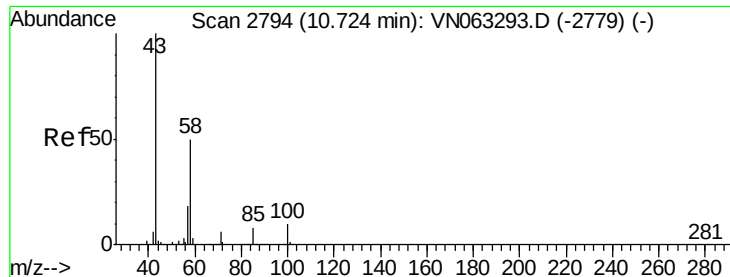
MMDadoda
 9/11/2020 2:02:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 502.235 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 63 Resp: 2277251
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.2 30.4





#59

2-Hexanone

Concen: 578.292 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3005771

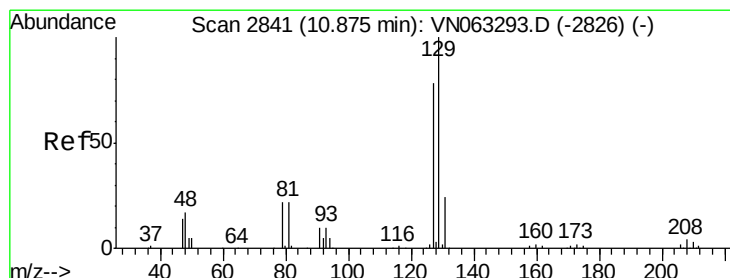
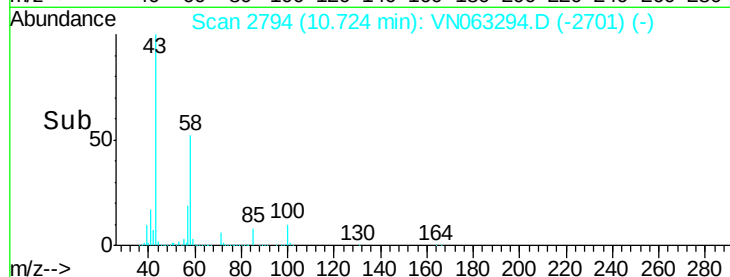
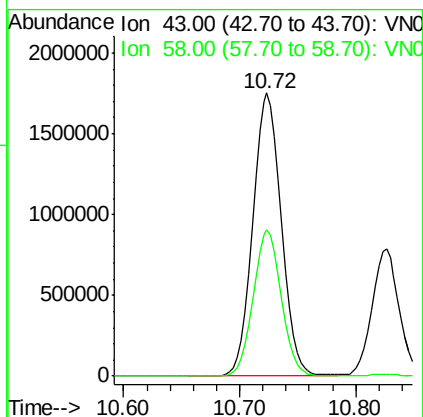
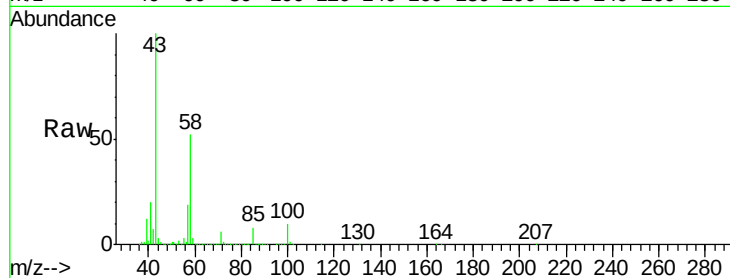
Ion Ratio Lower Upper

43 100

58 50.9 25.1 75.3

Manual Integrations
APPROVED

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#60

Dibromochloromethane

Concen: 107.601 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063294.D

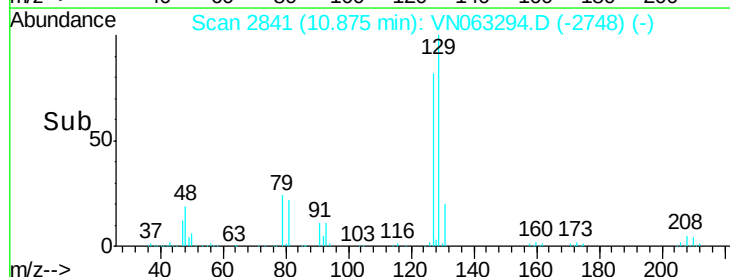
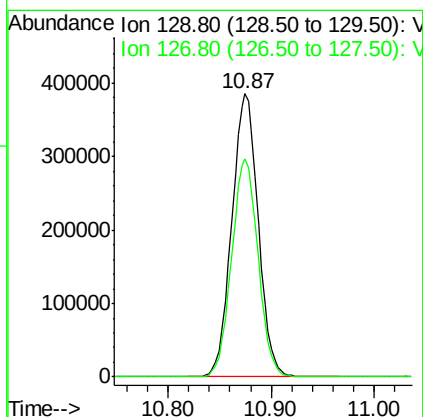
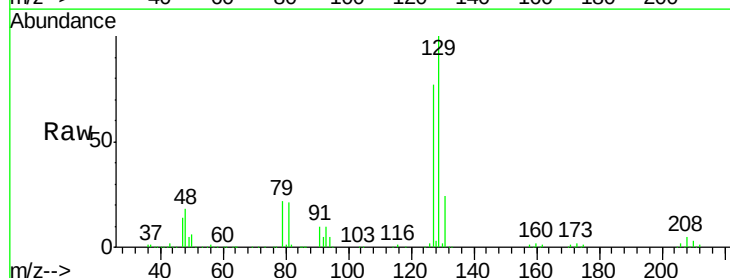
Acq: 10 Sep 2020 14:20

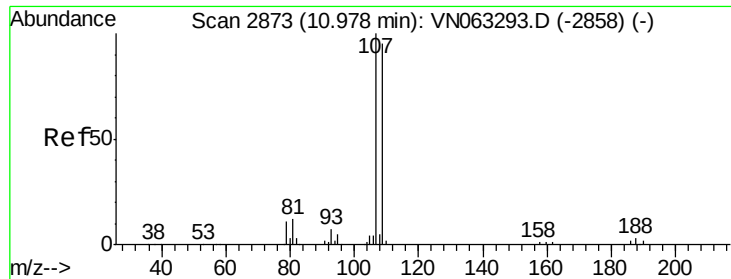
Tgt Ion: 129 Resp: 687471

Ion Ratio Lower Upper

129 100

127 77.1 39.0 117.0





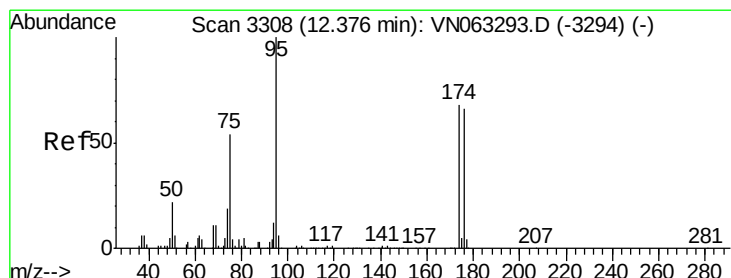
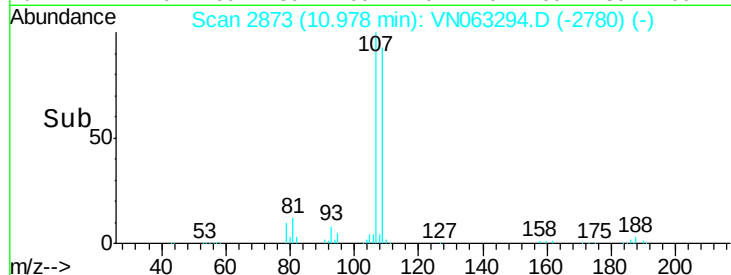
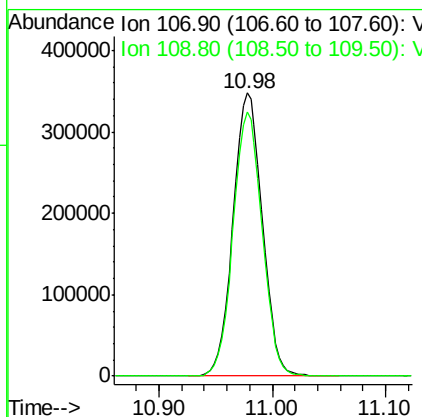
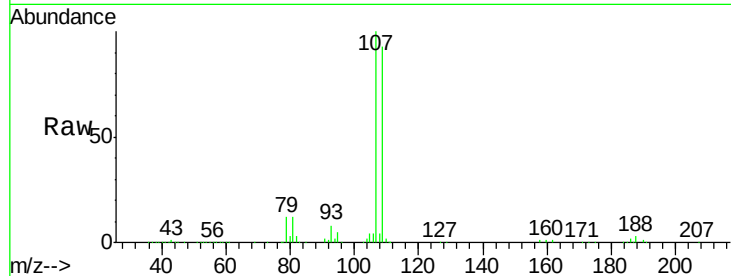
#61
 1,2-Dibromoethane
 Concen: 104.490 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.5	113.3

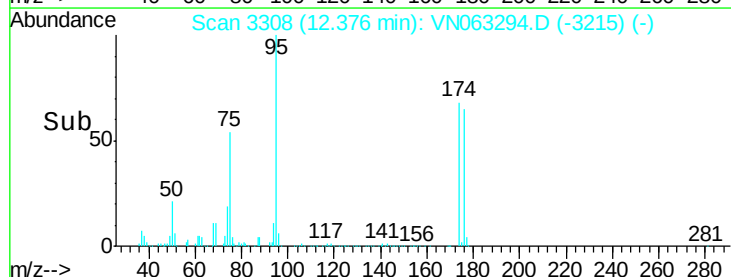
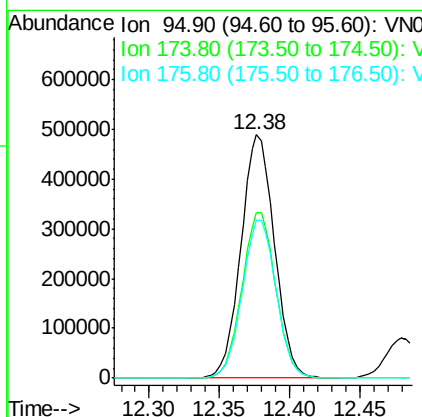
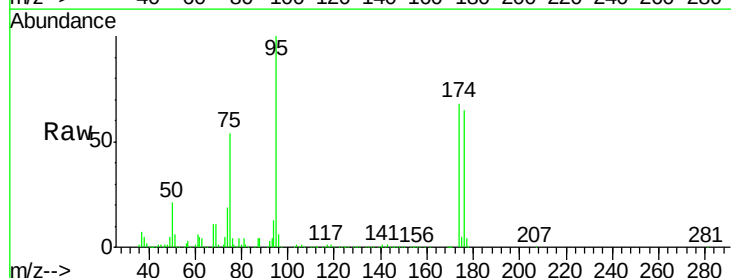
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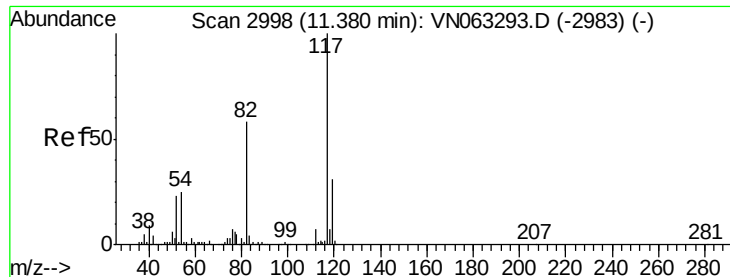
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 109.190 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	136.6
176	65.7	0.0	132.8





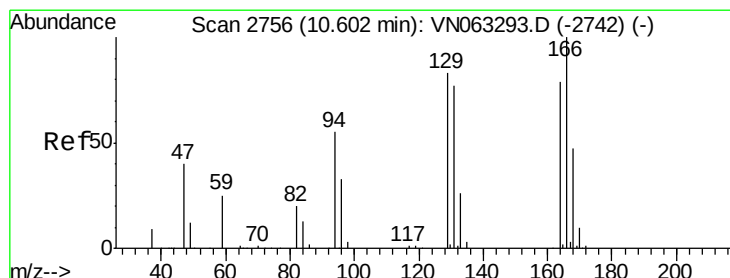
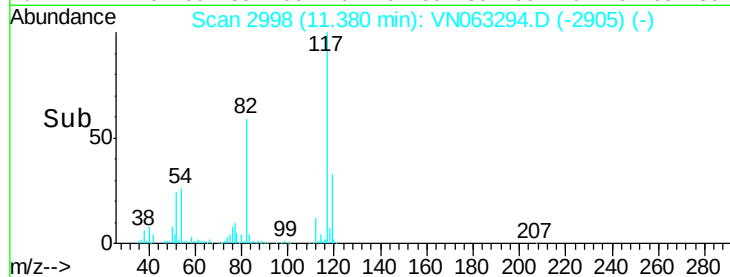
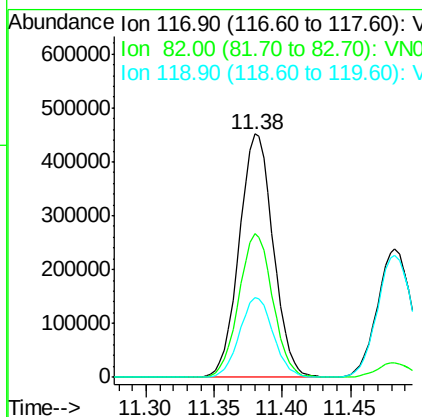
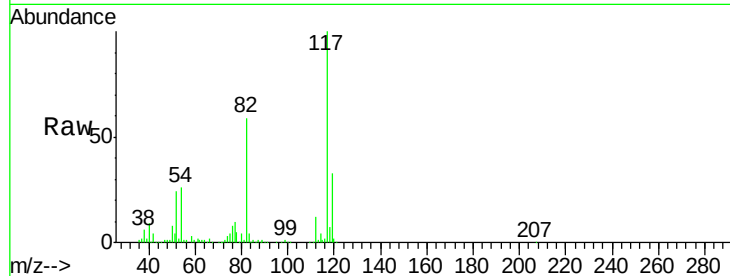
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	781735		
82	59.0	46.4	69.6	
119	32.7	24.8	37.2	

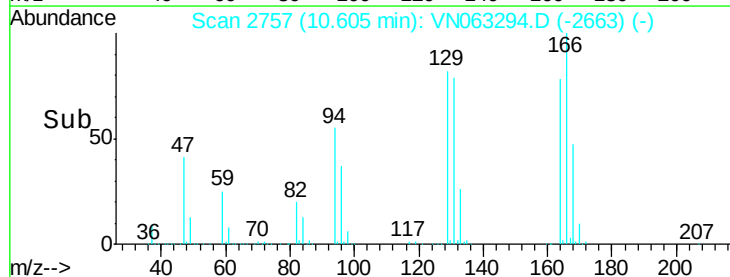
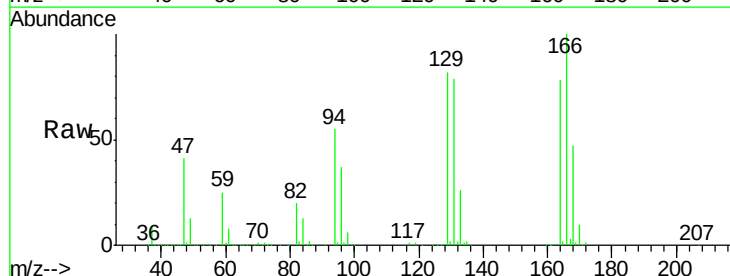
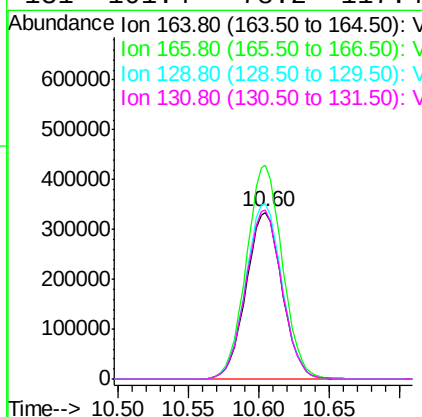
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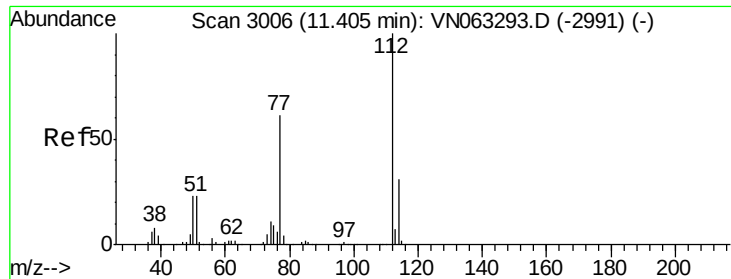
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#64
Tetrachloroethene
Concen: 104.195 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	597629		
166	128.3	101.3	151.9	
129	105.3	83.7	125.5	
131	101.4	78.2	117.4	





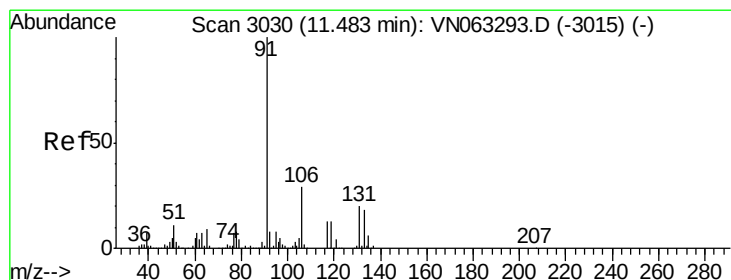
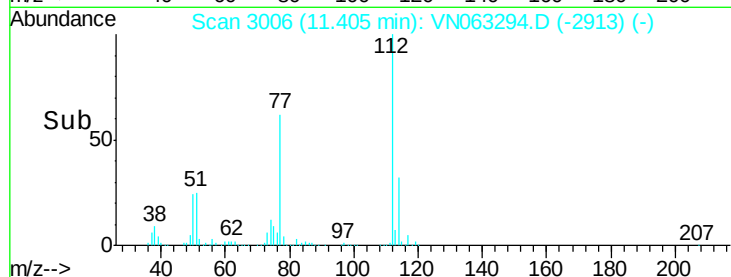
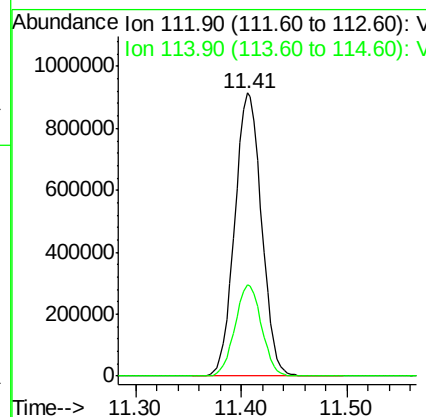
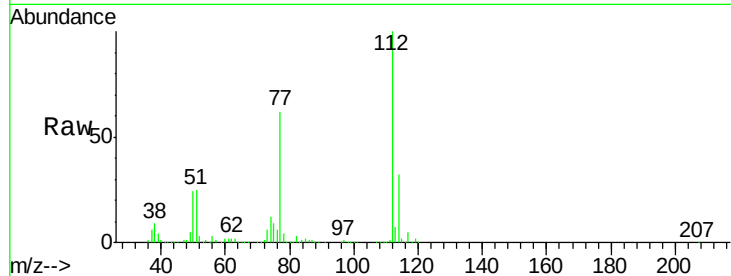
#65
Chlorobenzene
Concen: 102.214 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1606684
Ion Ratio Lower Upper
112 100
114 32.1 24.6 36.8

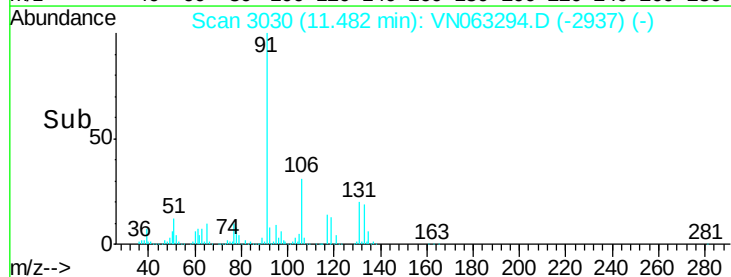
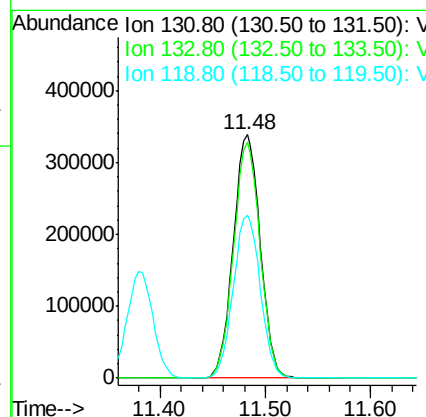
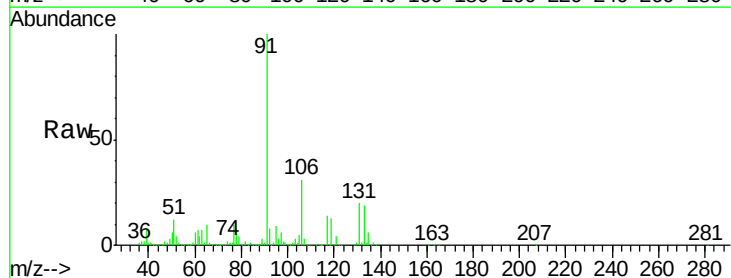
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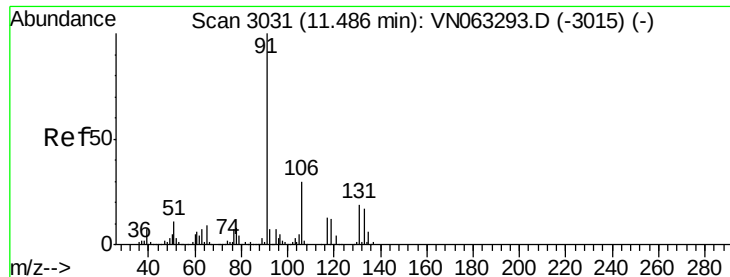
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#66
1,1,1,2-Tetrachloroethane
Concen: 102.954 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion:131 Resp: 597394
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 67.2 33.8 101.3





#67

Ethyl Benzene

Concen: 103.268 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 2959225

Ion Ratio Lower Upper

91 100

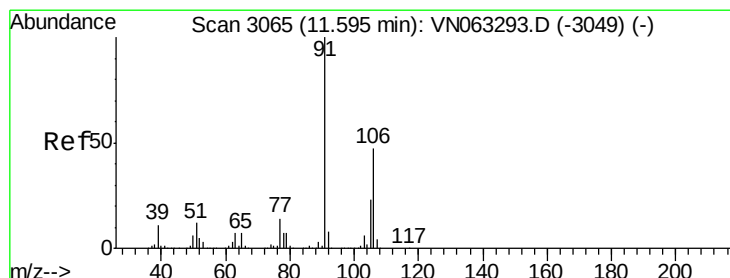
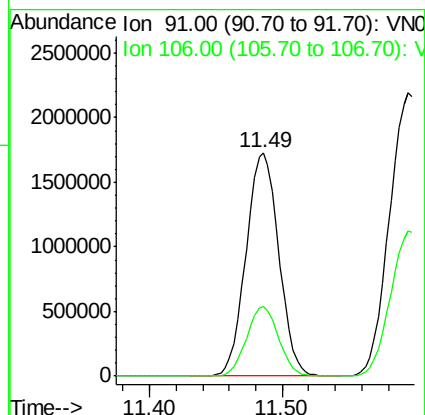
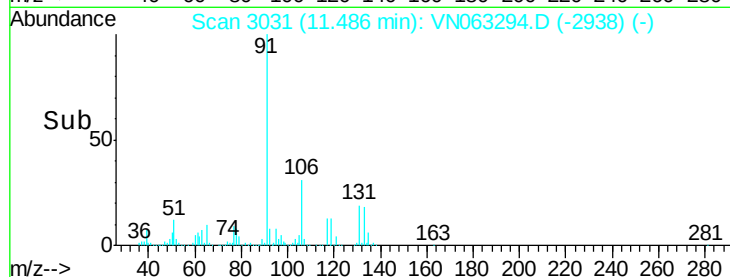
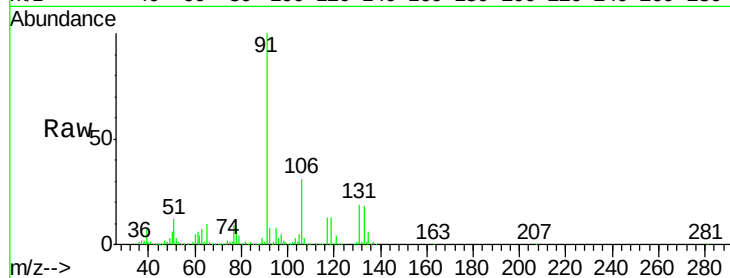
106 31.4 23.8 35.6

Manual Integrations

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9/11/2020 2:02:29 PM



#68

m/p-Xylenes

Concen: 208.560 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063294.D

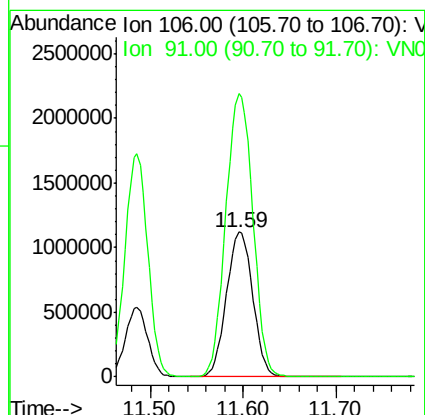
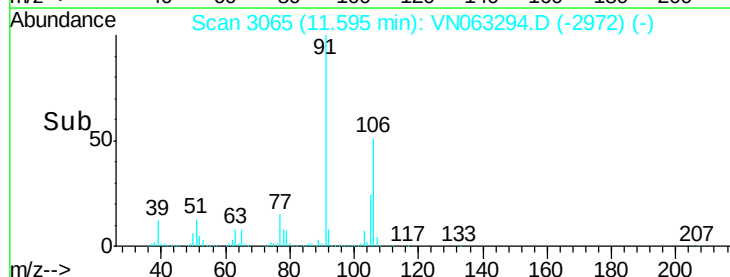
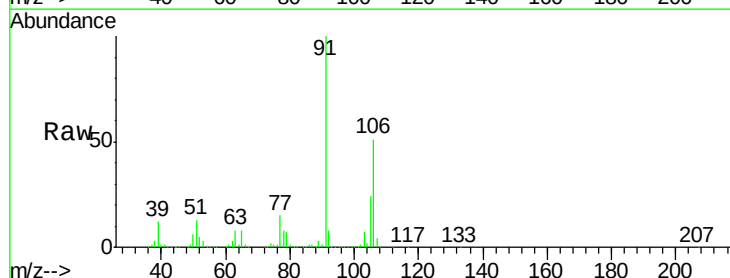
Acq: 10 Sep 2020 14:20

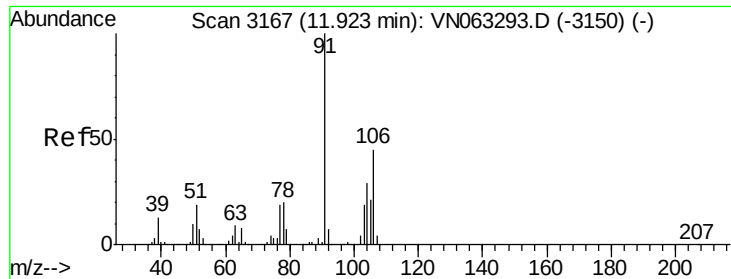
Tgt Ion: 106 Resp: 2206106

Ion Ratio Lower Upper

106 100

91 201.5 169.8 254.8





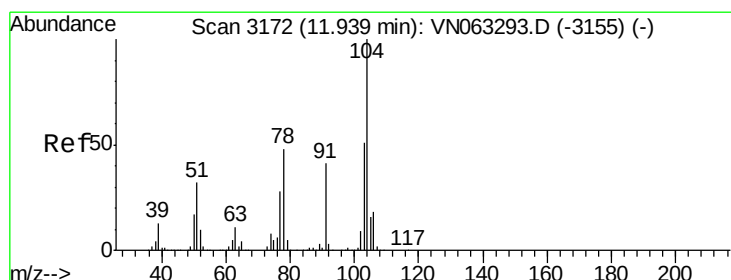
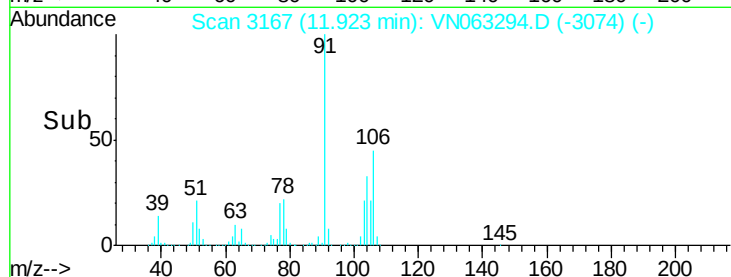
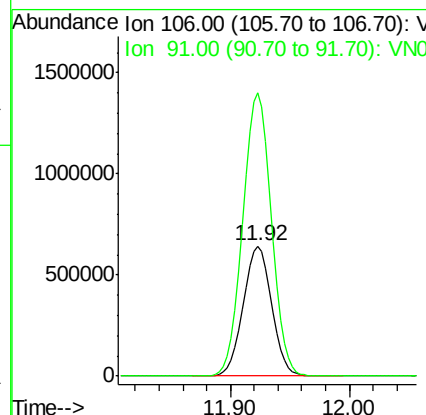
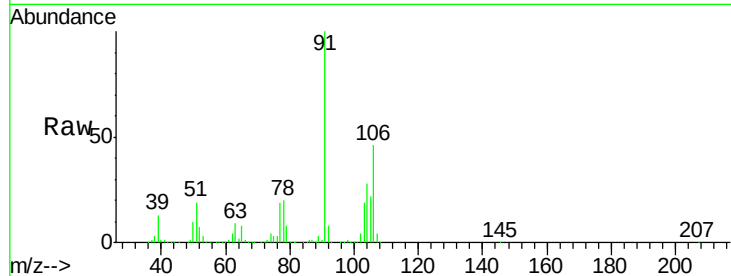
#69
o-Xylene
Concen: 103.988 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 1062918
Ion Ratio Lower Upper
106 100
91 219.2 111.5 334.4

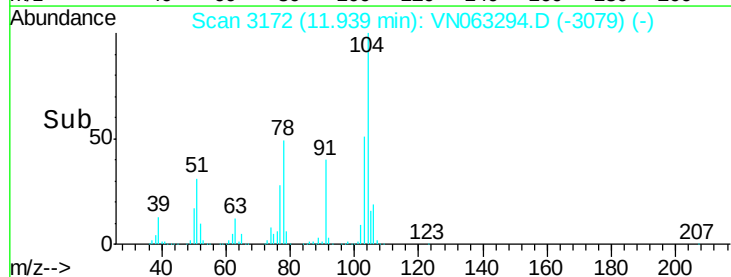
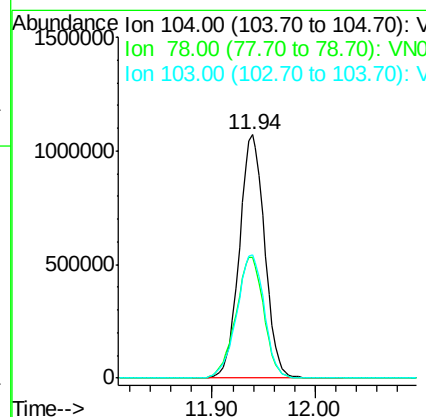
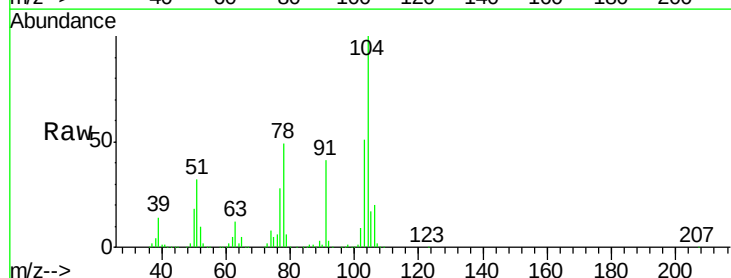
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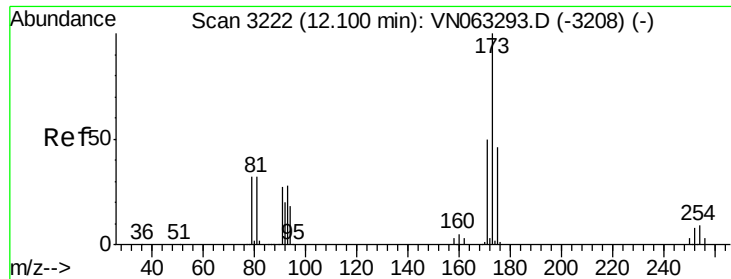
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#70
Styrene
Concen: 104.563 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion:104 Resp: 1830968
Ion Ratio Lower Upper
104 100
78 54.7 42.9 64.3
103 55.2 44.2 66.2





#71

Bromoform

Concen: 111.294 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

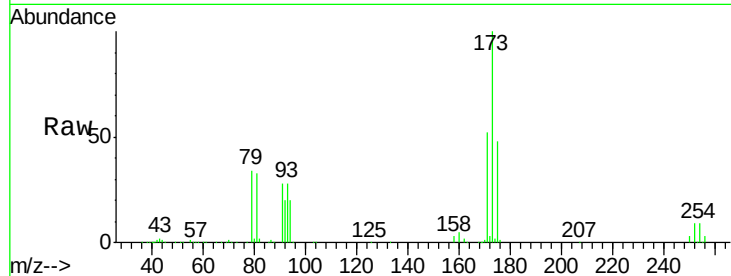
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.5
254	0.1	0.0	0.0

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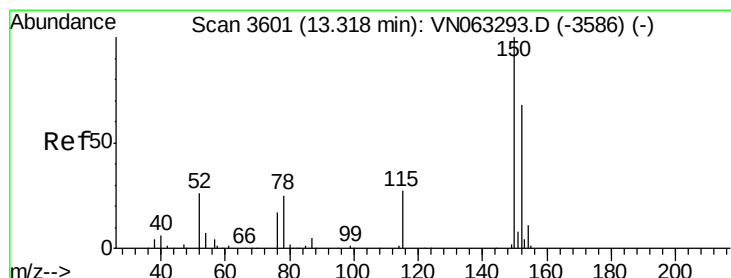
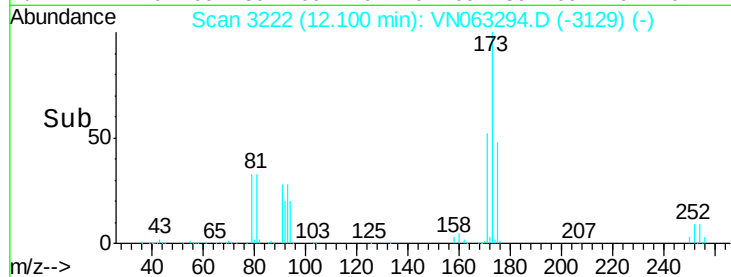
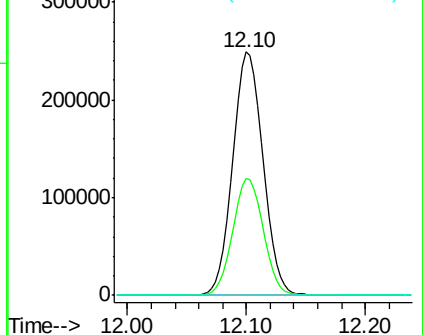
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

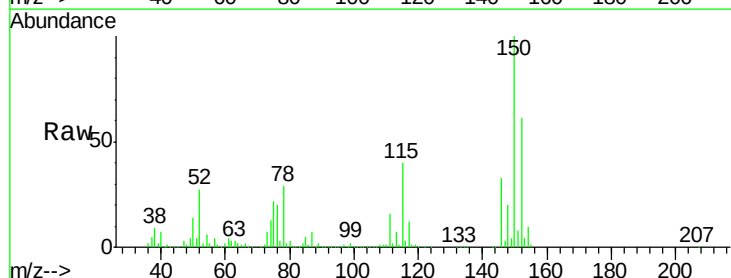
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

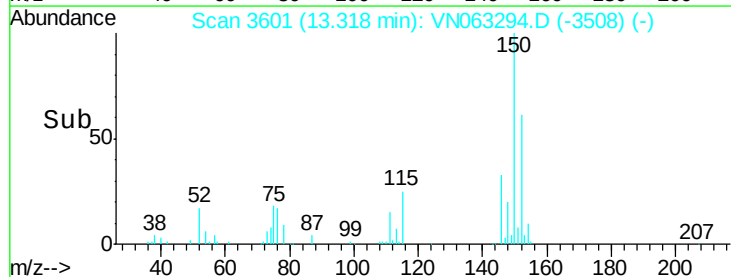
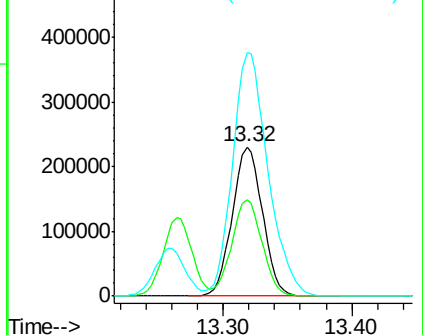
Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	31.5	94.5
150	191.3	0.0	344.0

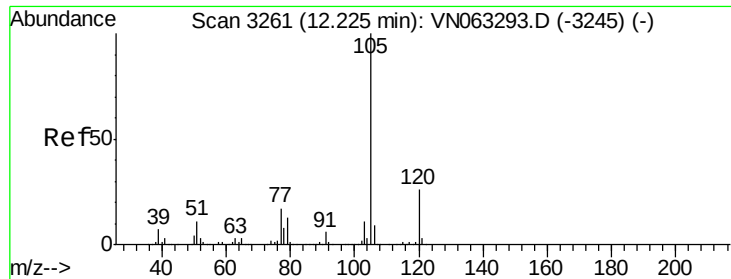


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 99.302 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2827879

Ion Ratio Lower Upper

105 100

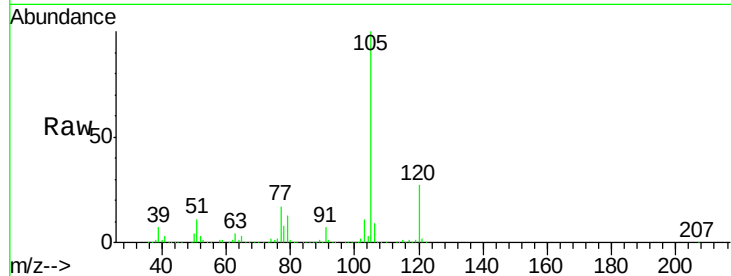
120 26.2 13.0 38.9

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Abundance Ion 105.00 (104.70 to 105.70): V

2000000 Ion 120.00 (119.70 to 120.70): V

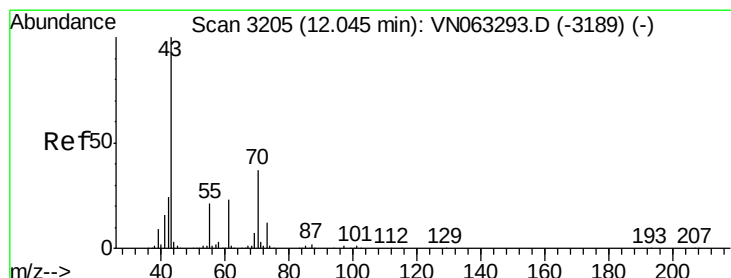
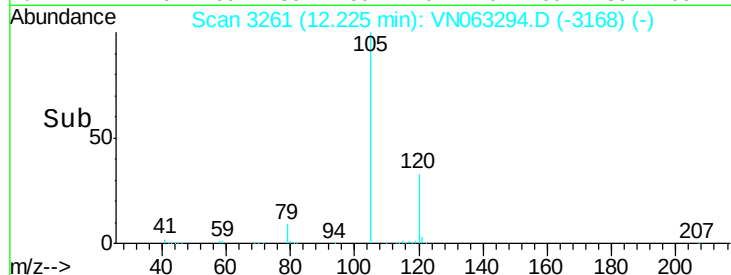
1500000

1000000

500000

0

Time--> 12.10 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 112.796 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Tgt Ion: 43 Resp: 1342363

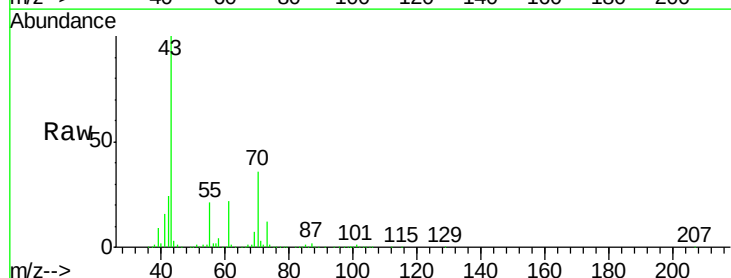
Ion Ratio Lower Upper

43 100

70 36.5 29.3 43.9

55 21.1 17.0 25.6

61 21.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

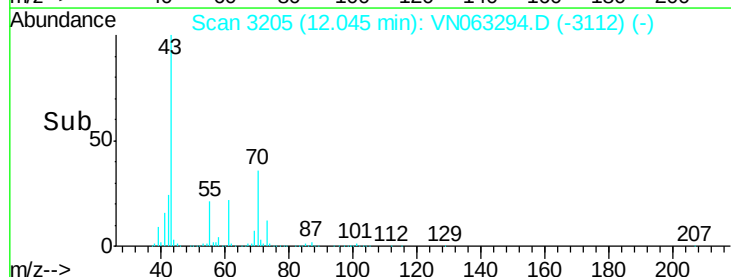
Ion 61.00 (60.70 to 61.70): V

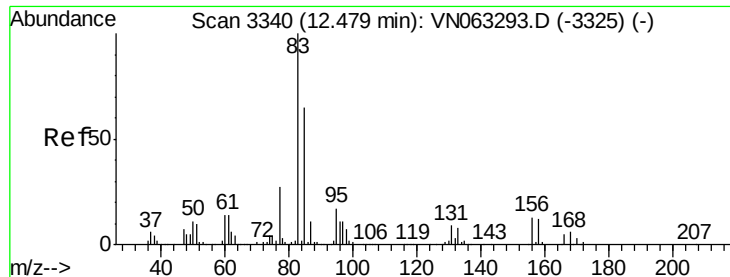
1000000

500000

0

Time--> 12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 99.483 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 83 Resp: 814143
Ion Ratio Lower Upper

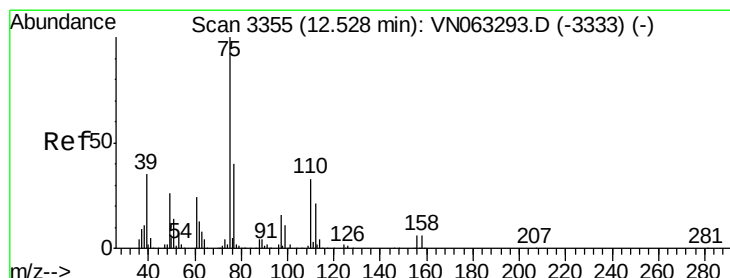
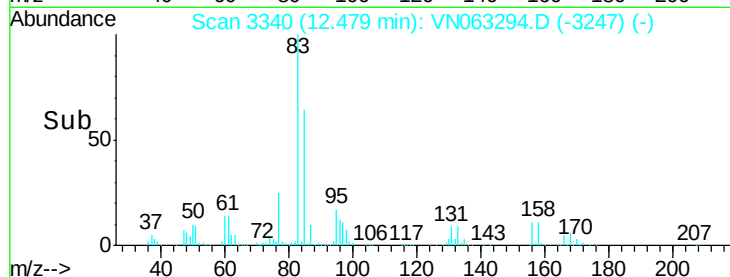
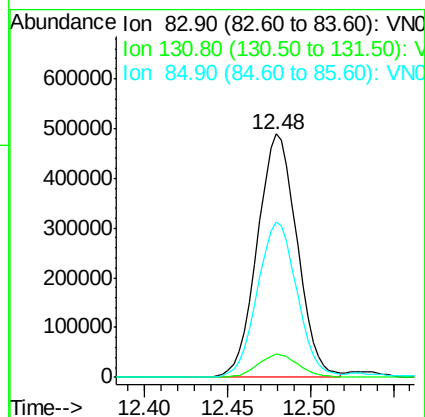
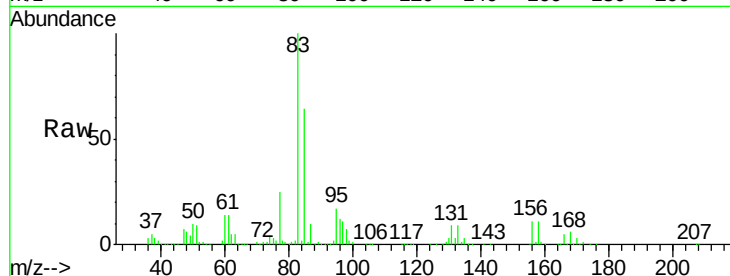
83 100

131 9.9 4.7 14.1

85 63.7 32.0 96.2

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9/11/2020 2:02:29 PM



#76

1,2,3-Trichloropropane

Concen: 100.397 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

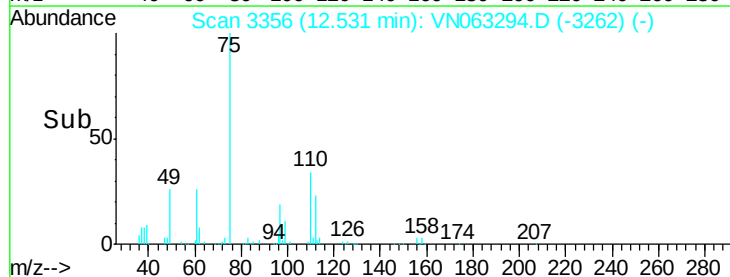
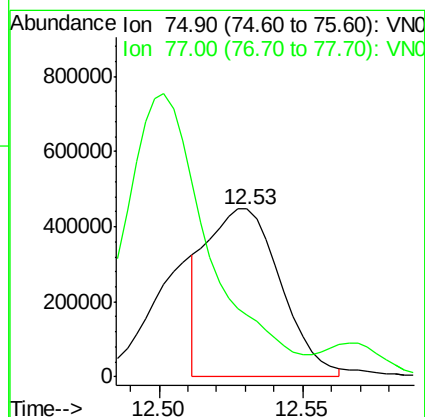
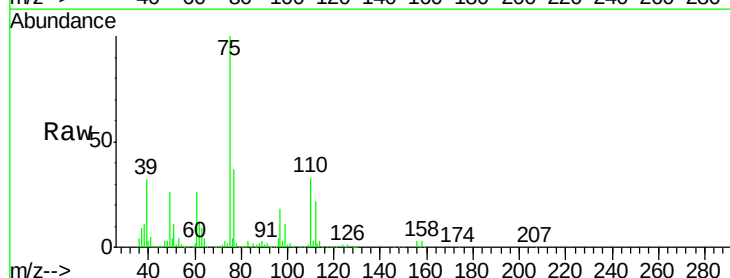
Lab File: VN063294.D

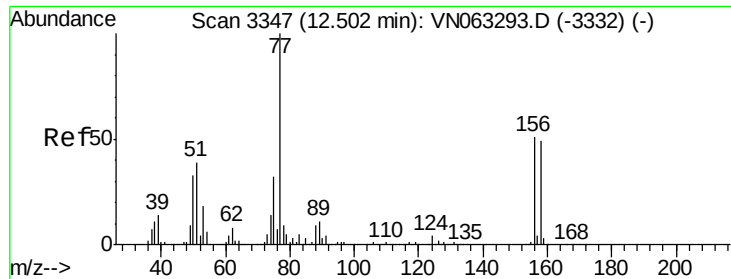
Acq: 10 Sep 2020 14:20

Tgt Ion: 75 Resp: 804020
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 100.531 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

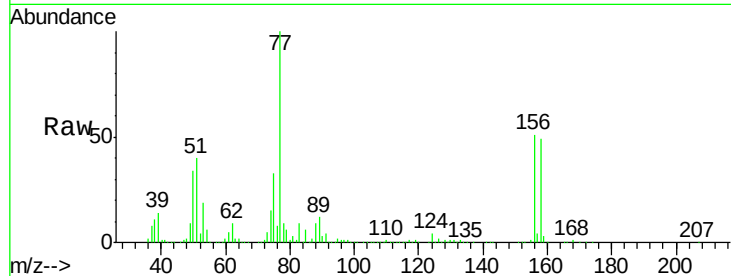
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	235.6	117.4	352.2
158	96.7	48.8	146.4

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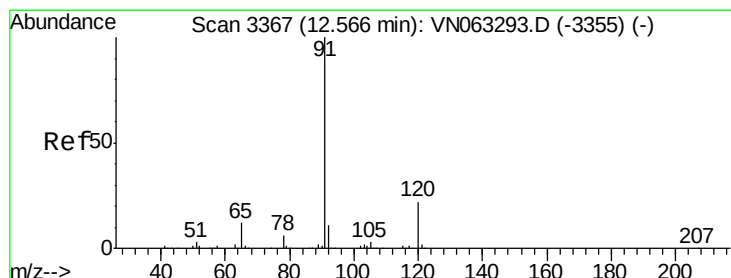
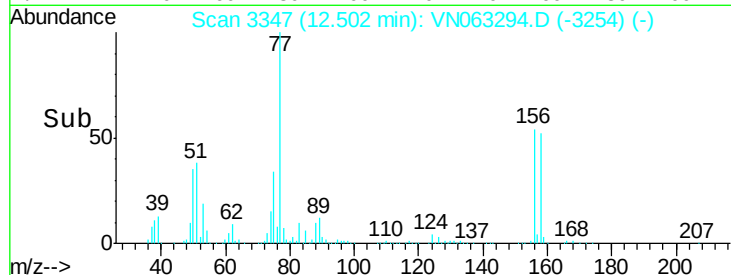
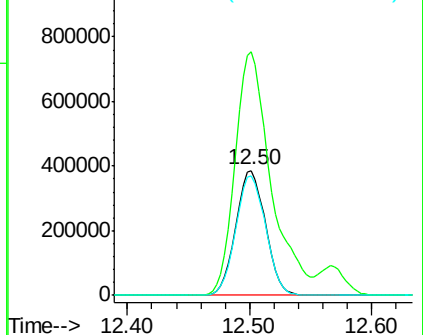


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.285 ug/l

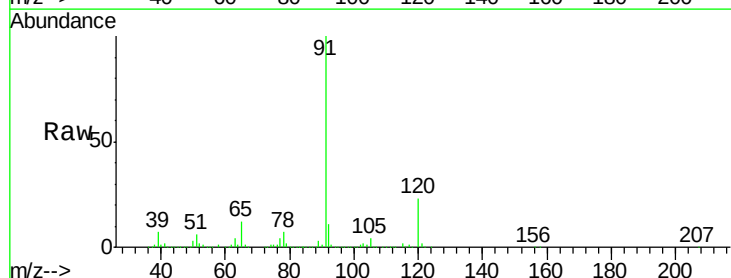
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

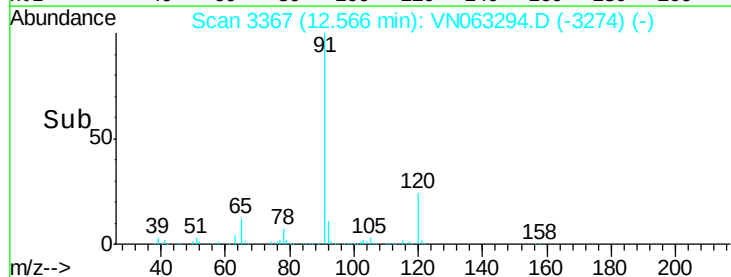
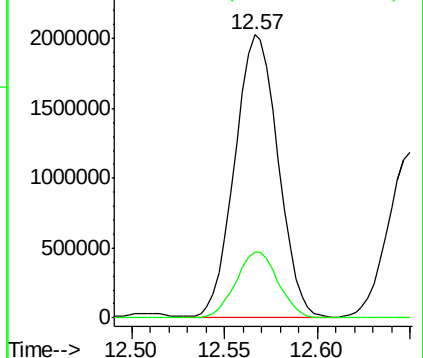
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.1	33.3

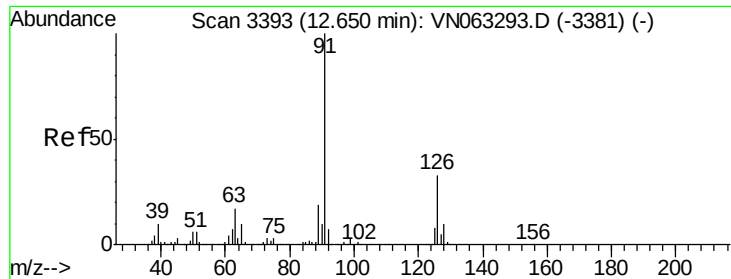


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





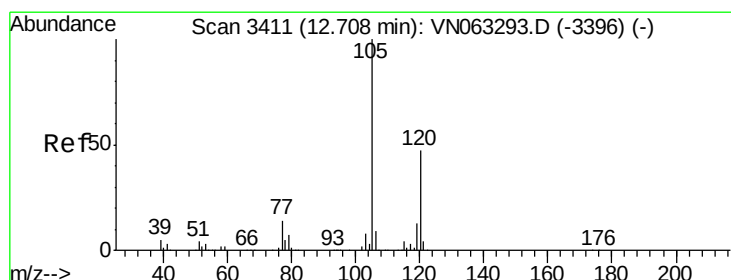
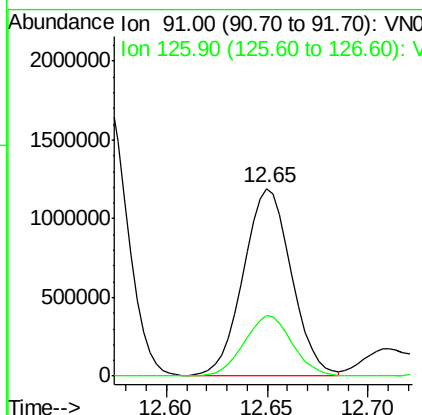
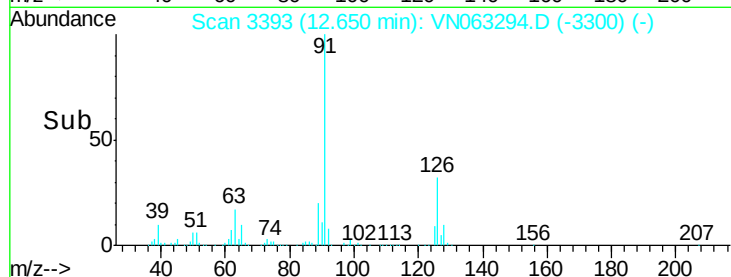
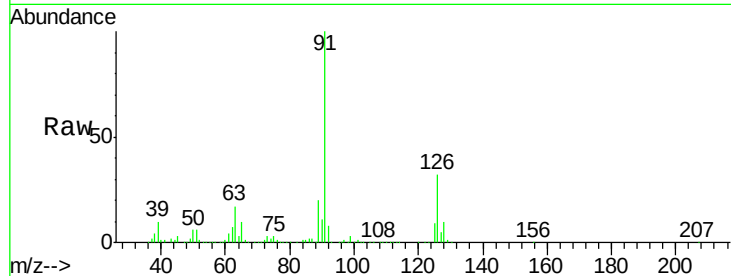
#79
 2-Chlorotoluene
 Concen: 99.699 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1972969
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8

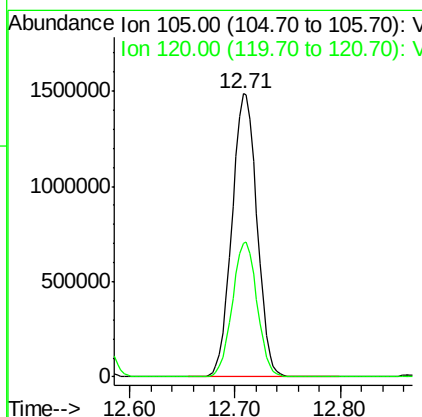
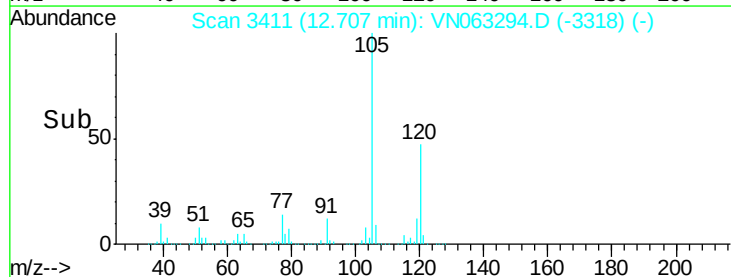
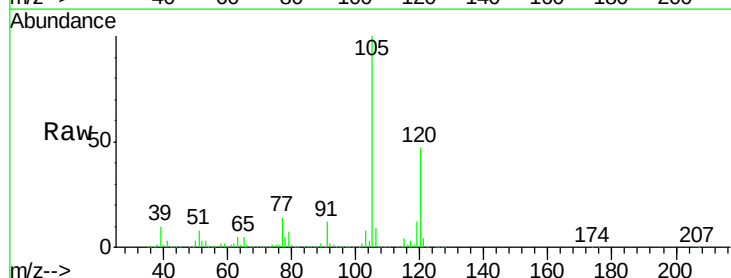
Manual Integrations
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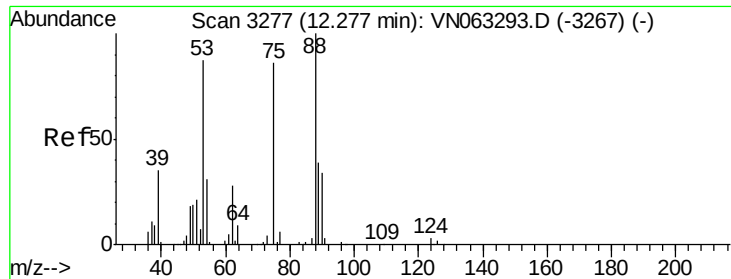
MMDadoda
 9/11/2020 2:02:29 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 102.069 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion: 105 Resp: 2429972
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 104.165 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 313674

Ion Ratio Lower Upper

75 100

53 101.0 81.8 122.8

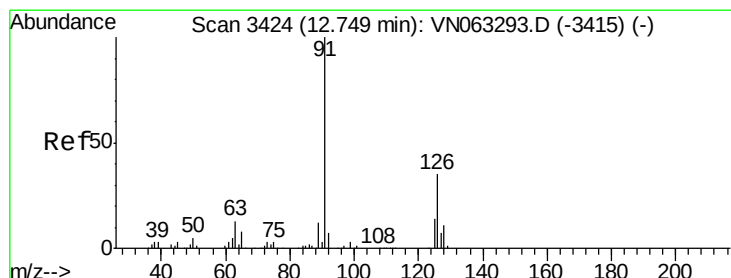
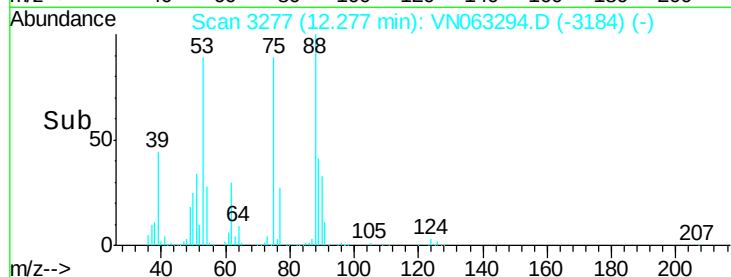
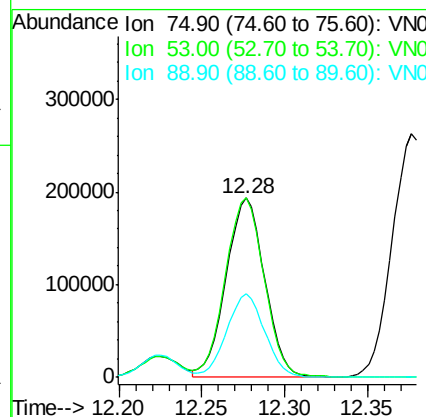
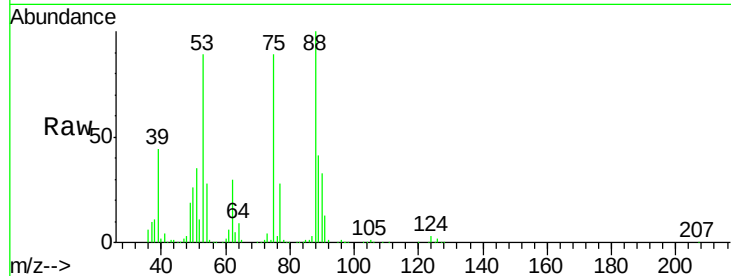
89 45.5 36.7 55.1

Manual Integrations

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#82

4-Chlorotoluene

Concen: 102.311 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063294.D

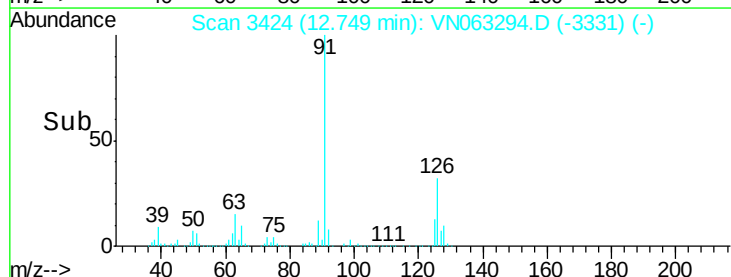
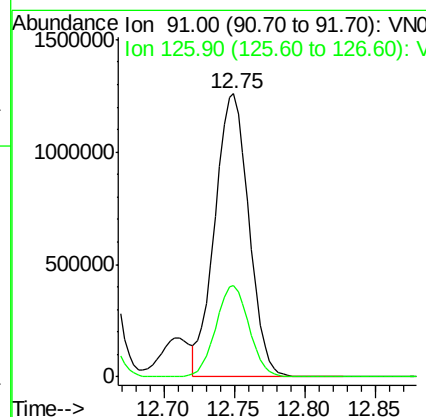
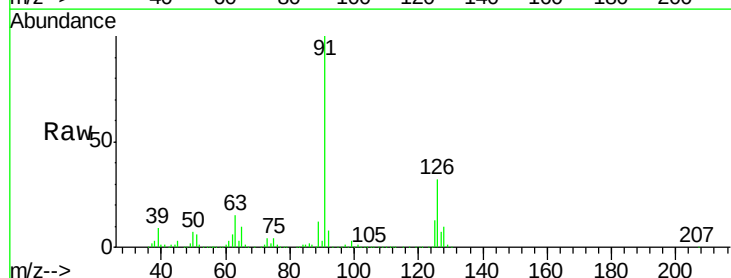
Acq: 10 Sep 2020 14:20

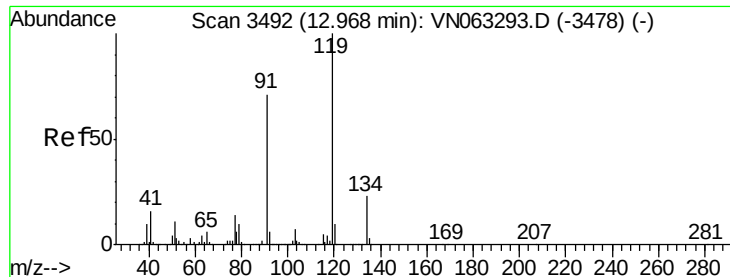
Tgt Ion: 91 Resp: 2097658

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7





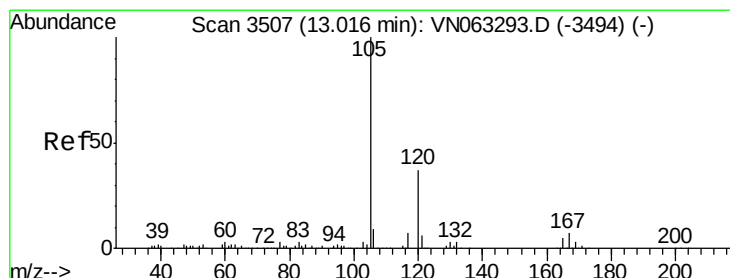
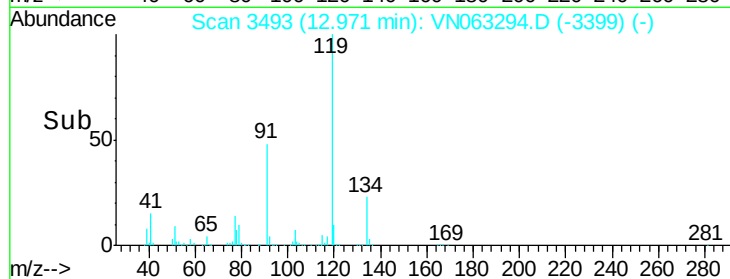
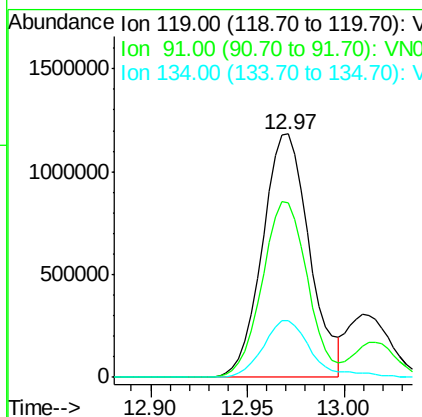
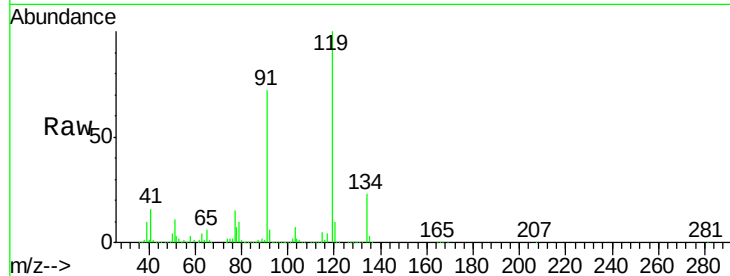
#83
tert-Butylbenzene
Concen: 98.342 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.6	34.8	104.3
134	24.0	11.9	35.5

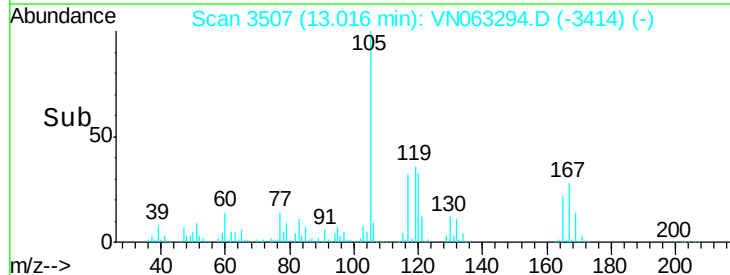
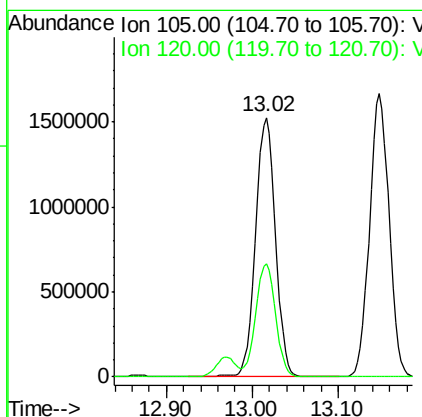
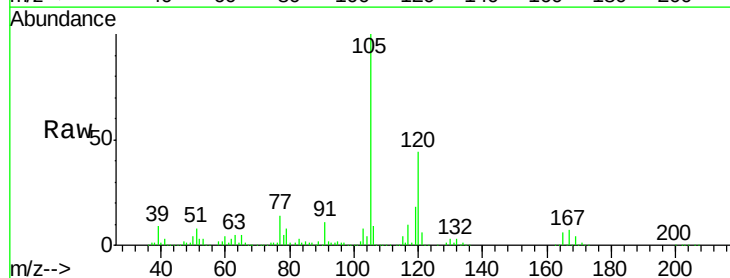
Manual Integrations
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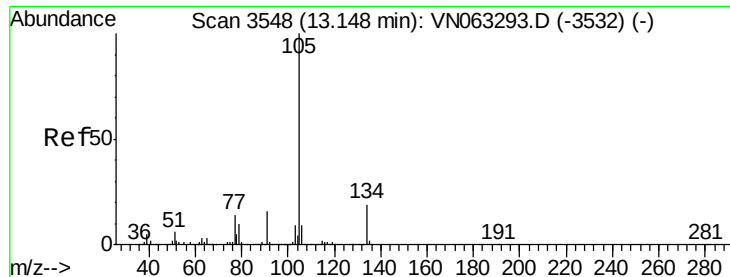
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#84
1,2,4-Trimethylbenzene
Concen: 102.747 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.4





#85

sec-Butylbenzene

Concen: 100.208 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2641441

Ion Ratio Lower Upper

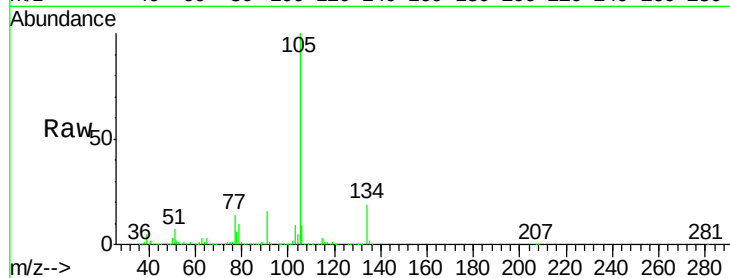
105 100

134 19.0 9.4 28.3

Manual Integrations
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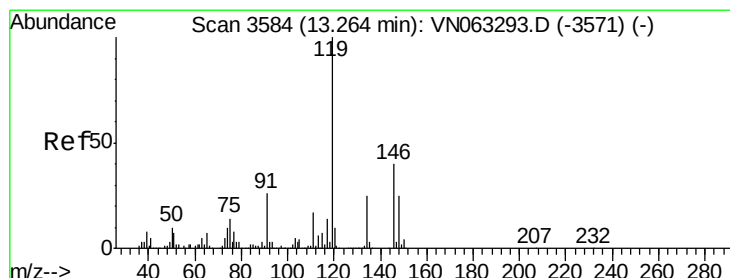
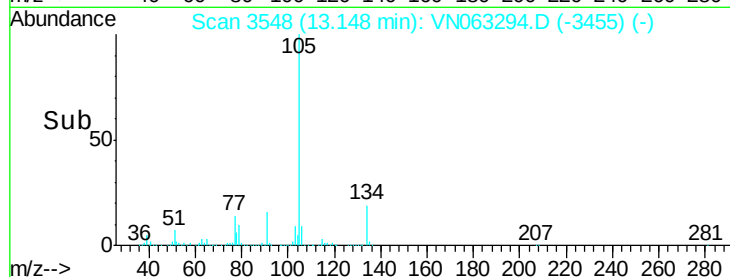
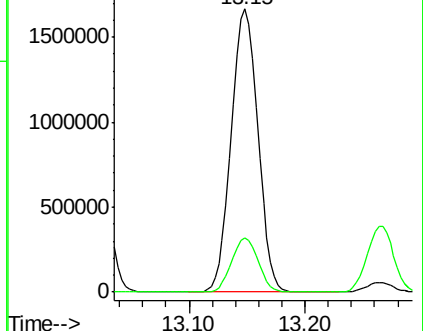
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 103.050 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

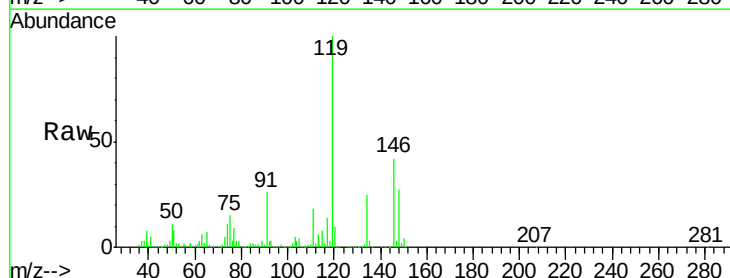
Tgt Ion:119 Resp: 2417551

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

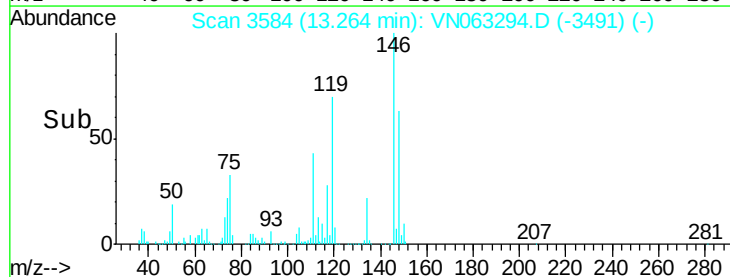
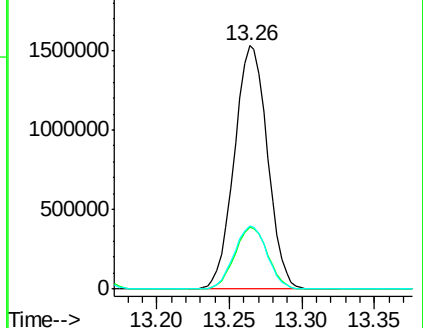
91 25.8 12.8 38.3

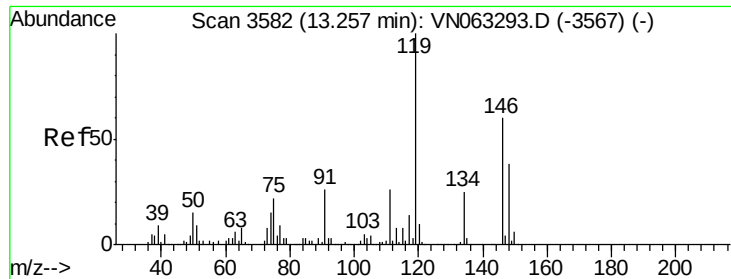


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





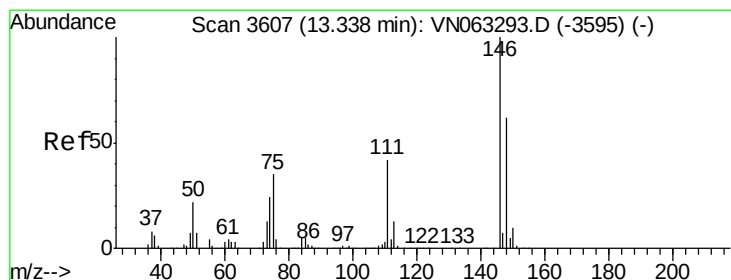
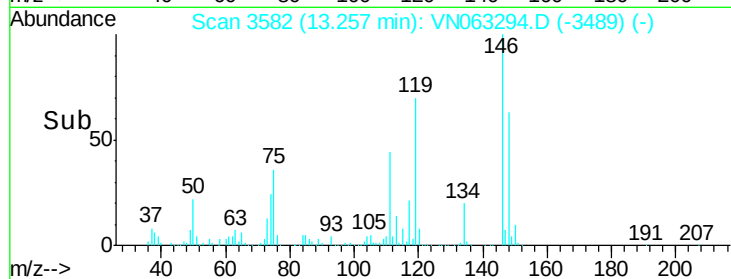
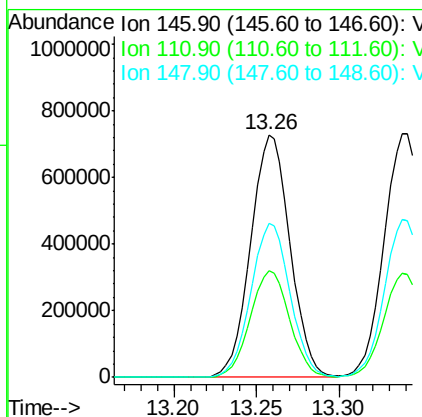
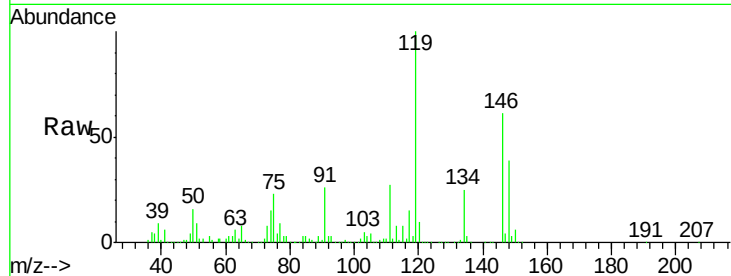
#87
 1,3-Dichlorobenzene
 Concen: 101.685 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 1205964
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.4
 148 63.2 31.8 95.4

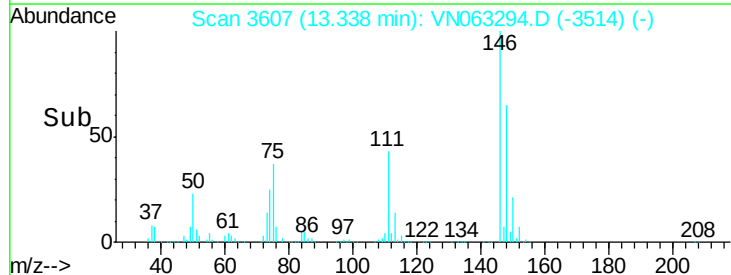
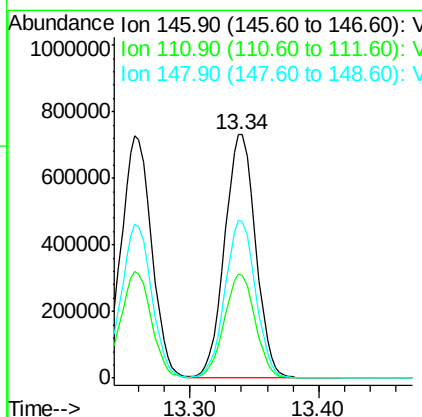
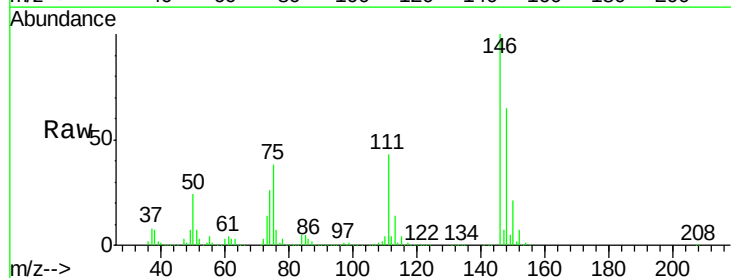
Manual Integrations
 APPROVED

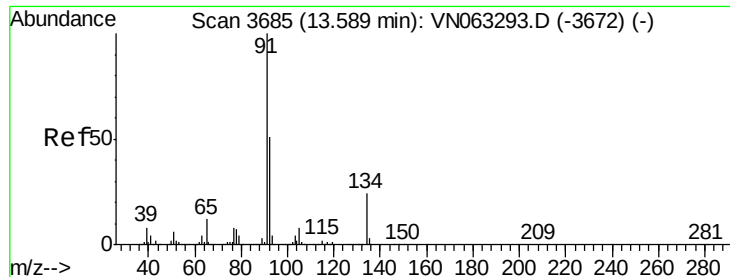
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 9/11/2020 2:02:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 99.662 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion:146 Resp: 1219373
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 64.0
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 102.967 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063294.D

Acq: 10 Sep 2020 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2234757

Ion Ratio Lower Upper

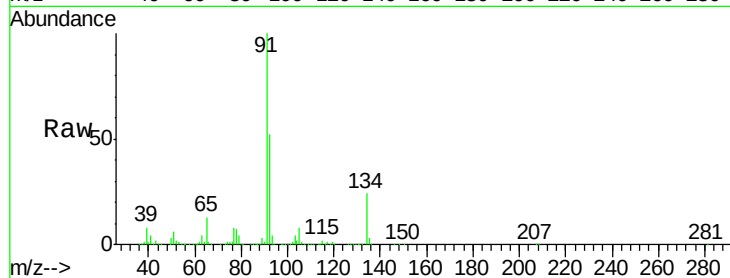
91 100

92 51.6 25.8 77.3

134 23.9 12.0 36.0

Manual Integrations
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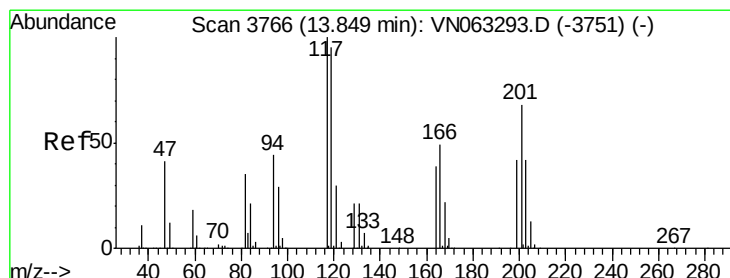
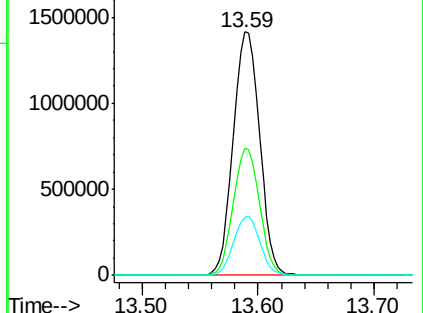
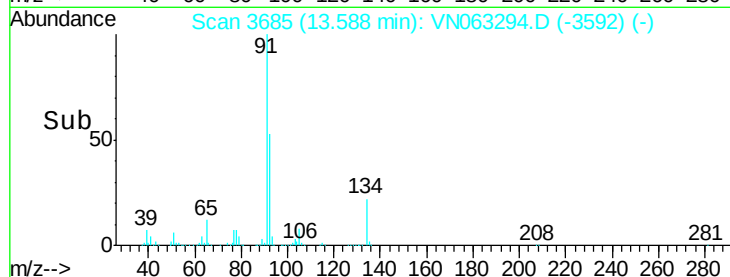
MMDadoda
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Abundance Ion 91.00 (90.70 to 91.70): VN063293.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063293.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063293.D (-3672) (-)



#90

Hexachloroethane

Concen: 101.393 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063294.D

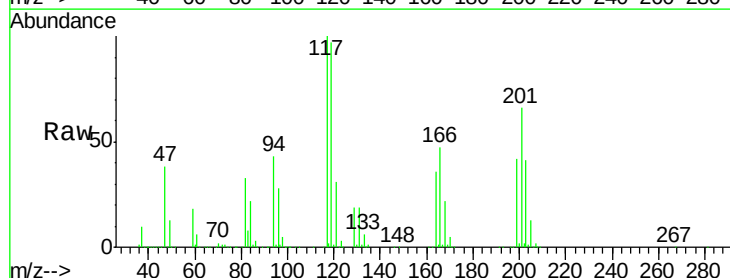
Acq: 10 Sep 2020 14:20

Tgt Ion: 117 Resp: 438552

Ion Ratio Lower Upper

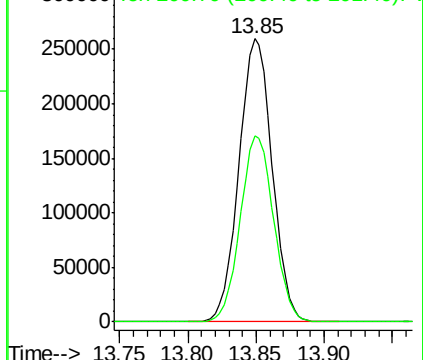
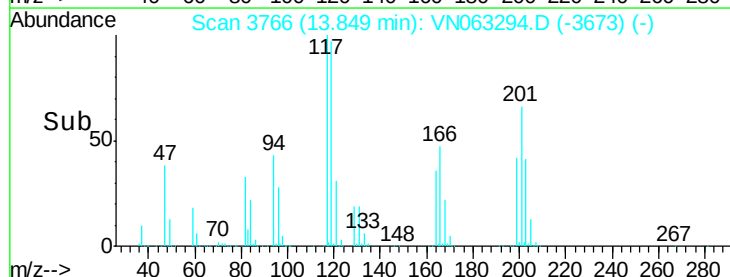
117 100

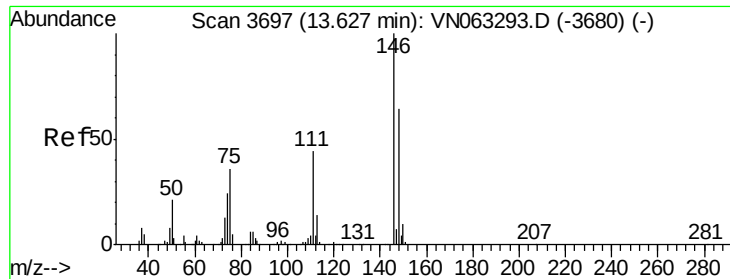
201 66.0 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063293.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN063293.D (-3751) (-)





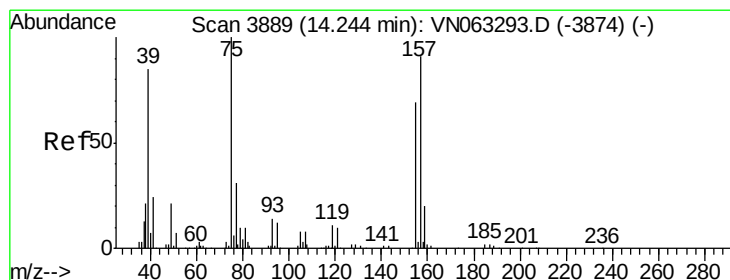
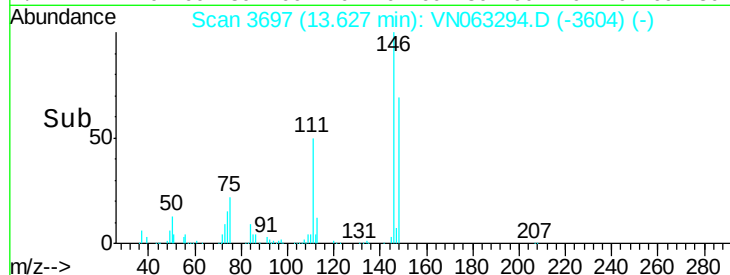
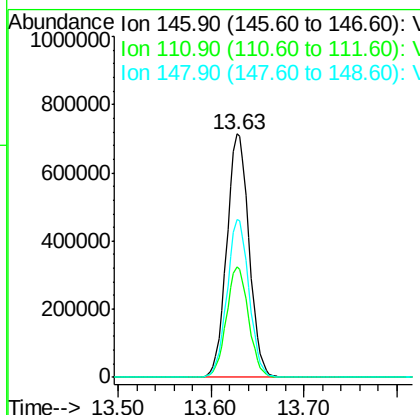
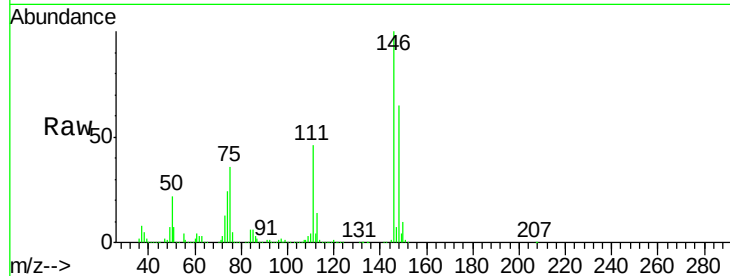
#91
 1,2-Dichlorobenzene
 Concen: 103.367 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.1	66.5
148	64.0	31.8	95.3

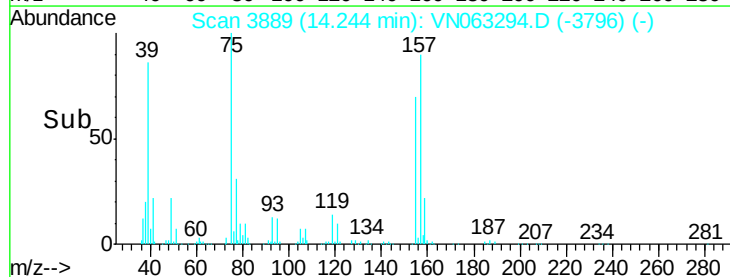
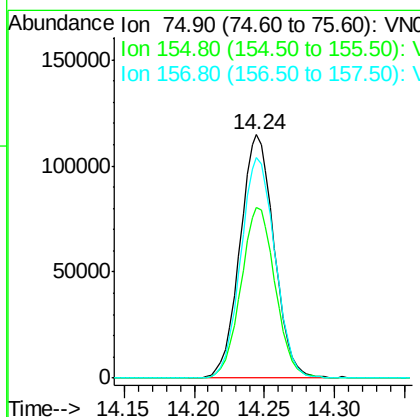
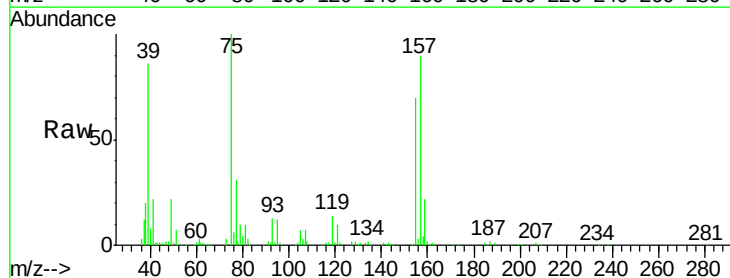
Manual Integrations
 APPROVED

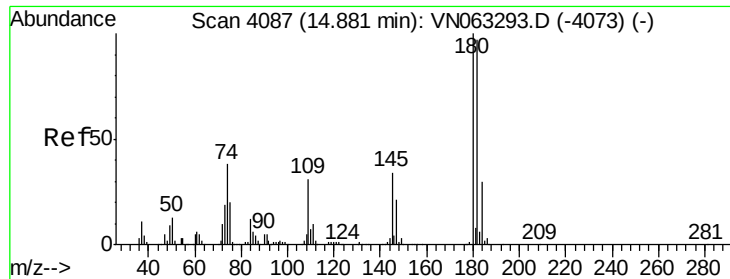
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.578 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.9	35.3	105.7
157	91.5	46.7	140.0





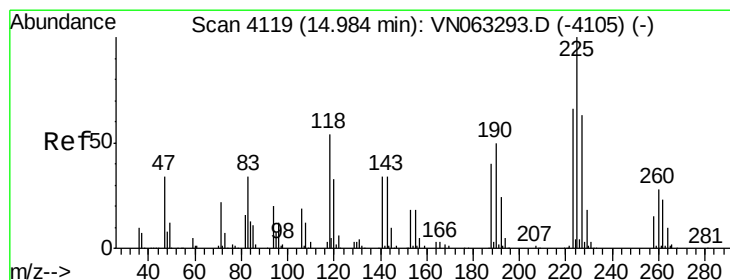
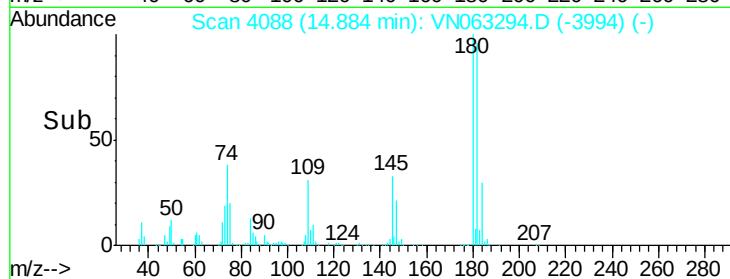
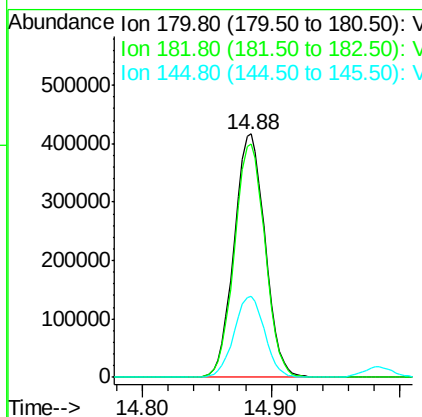
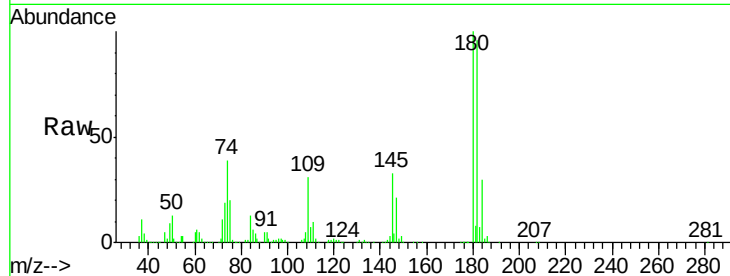
#93
 1,2,4-Trichlorobenzene
 Concen: 106.811 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	694954		
182	95.0	48.0	144.2	
145	33.0	16.6	49.8	

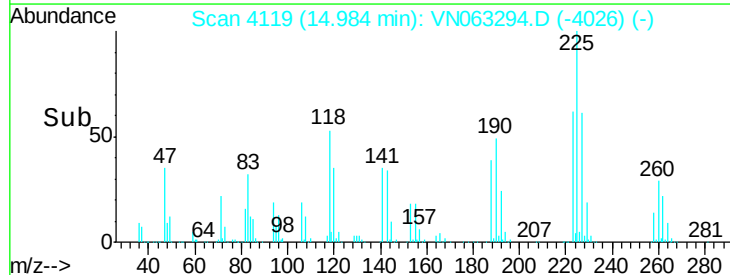
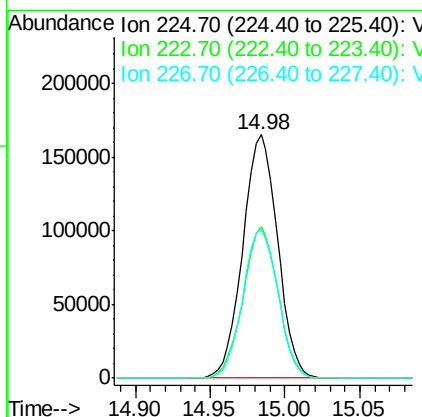
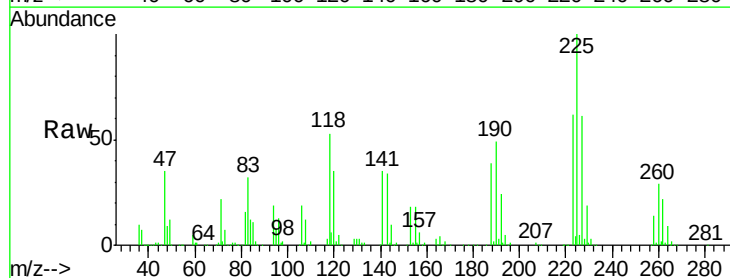
Manual Integrations
 APPROVED

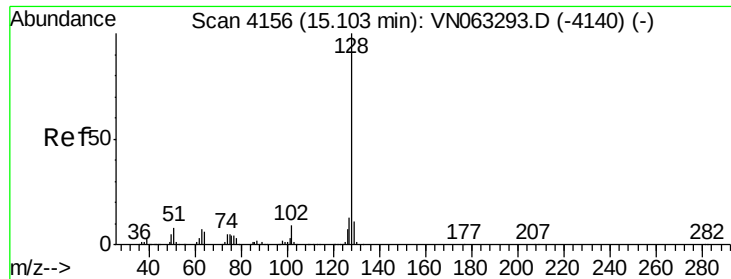
MMDadoda
 9/11/2020 2:02:29 PM



#94
 Hexachlorobutadiene
 Concen: 108.887 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063294.D
 Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	267766		
223	62.1	31.3	93.9	
227	62.1	31.2	93.6	





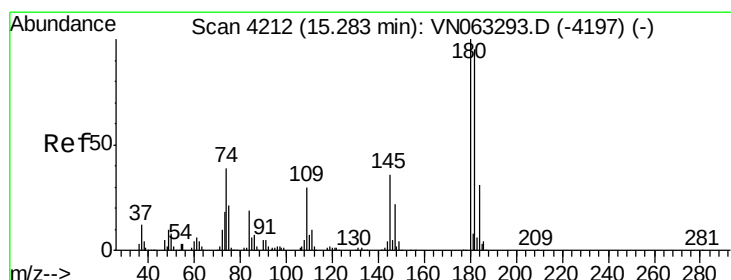
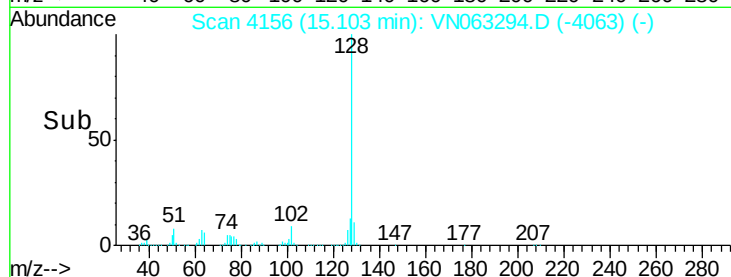
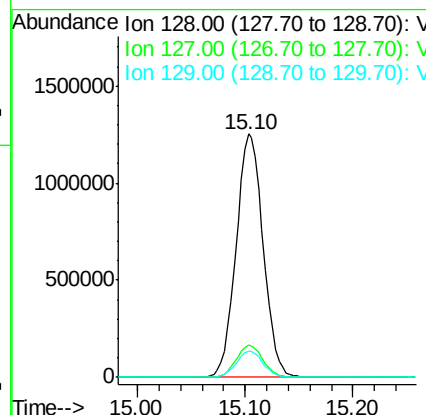
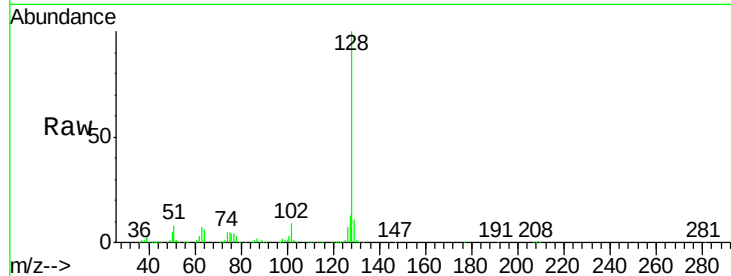
#95
Naphthalene
Concen: 102.794 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 2:02:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 103.152 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063294.D
Acq: 10 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.3
145	34.7	17.2	51.6

